AD-A131 621 BRIZE NORTON RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83 1/5

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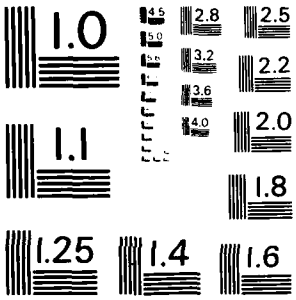

MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

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DATA PROCESSING DIVISION
USAF ETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MAY 0 6 1983

FEDERAL BUILDING
ASHEVILLE, N. C.

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This technical report has been reviewed and is approved for publication.

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*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statisitical summary of surface weather observations for

BRIZE NORTON RAF, UNITED KINGDOM

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*UNITED KINGDOM *BRIZE NORTON RAF
*

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS DATA NOT AVAILABLE

PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE DATA NOT AVAILABLE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APRIL	JULY	OCTOBER
FEBRUARY	MAY	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
036490	Brize Norton RAF, UK	51° 45' N	001° 35 W	285	EGVN	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO.	
1	Brize Norton RAF UK	RAF	Apr 51	Jul 51	51 45 N	001 35 W	283	283	0
2	Same	RAF	Aug 51	Apr 55	Same	Same	Same	Same	24
3	Same	RAF	May 55	Dec 55	Same	Same	Same	277	24
4	Same	RAF	Dec 55	Jul 56	Same	Same	Same	Same	Deact
5	Same	RAF	Aug 56	Nov 56	Same	Same	284	Same	13
6	Same	RAF	Dec 56	Mar 57	Same	Same	Same	Same	24
7	Same	RAF	Apr 57	Feb 61	Same	Same	287	294	24
8	Same	RAF	Mar 61	Mar 64	Same	Same	Same	336	24
9	Same	RAF	Apr 64	Apr 65	Same	Same	Same	300	24
10	Same	RAF	Apr 65		Same	Same	285	Same	Deact
11	Same	RAF	Apr 65	Mar 83	Same	Same	Same	Same	24*
	*Obs taken by RAF personnel.								

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 53	Atop control tower	AN/GMQ-1	None	50	
2	Mar 54	Atop hangar 75 Ft W of WX Stn	Same	None	52	
3	May 55	Same	Same	None	70	
4	Sep 56	Atop hangar 29 100 Ft W of WX Stn	Same	None	75	
5	Apr 57	1/2 mi S of WX station	AN/GMQ-11	None	13	
6	Apr 58	Same	Same	GMQ-11	15	
7	27Apr83	Unknown	Unknown	Unknown	Unknown	

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PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below.

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

[illegible] CLIMATOLOGY BRANCH
[illegible]AFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] BRICE NORTON RAF UK [illegible] 73-[illegible] [illegible] JAN
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	HAZE AND/OR SMOKE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH VIS [illegible]	TOTAL NO. OF OBS
JAN	[illegible]	.1	14.5		2.5		1[illegible]	15.6	8.3			[illegible]	[illegible]
	[illegible]		13.1	.1	2.[illegible]		14.5	16.4	7.7			[illegible]	[illegible]
	[illegible]		13.3	.[illegible]	2.[illegible]		15.2	18.3	7.[illegible]			[illegible]	[illegible]
	[illegible]-14		13.1		3.4		16.2	15.1	6.5			1[illegible]	[illegible]
	[illegible]-14	.1	15.3	.1	3.7		16.[illegible]	8.6	8.5			[illegible]	[illegible]
	[illegible]-17	.1	13.[illegible]		3.4	.1	1[illegible].5	8.1	1[illegible].3			1[illegible]	[illegible]
	[illegible]-2[illegible]		12.8		1.8		13.7	13.9	1[illegible].2			[illegible]	[illegible]
	[illegible]1-23		13.8		1.9		1[illegible]	15.2	8.5			[illegible]	[illegible]
		.0	13.[illegible]	.1	2.7	[illegible]	15.5	14.4	8.5			[illegible]	[illegible]

[illegible] SOLE A [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK — STATION NAME — 73-87 — YEARS — FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	[illegible]	RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF [illegible] FREQ	[illegible]	SMOKE AND/OR HAZE	BLOWING SNOW	[illegible] AND/OR HAZE	[illegible]	TOTAL [illegible] OBS
FEB	00-[illegible]		1[illegible].7	1.3	1.8		1[illegible].3	14.3	1[illegible].4			[illegible]	[illegible]
	[illegible]-[illegible]		13.[illegible]	.8	2.9		17.2	19.1	[illegible].7			[illegible]	[illegible]32
	[illegible]-[illegible]		1[illegible]	1.3	2.[illegible]		1[illegible].9	[illegible]1.3	1[illegible].[illegible]			[illegible]	[illegible]36
	[illegible]-11		1[illegible].4	.7	3.8		1[illegible].[illegible]	15.[illegible]	[illegible]			[illegible]	[illegible]36
	1[illegible]-14		1[illegible].5	.2	2.9		1[illegible].7	6.1	18.7			24.[illegible]	[illegible]23
	[illegible]5-17		[illegible]		2.9		17.7	3.1	1[illegible].9			[illegible]2.	[illegible]37
	[illegible]-2[illegible]		1[illegible].4	.1	1.[illegible]		14.7	7.7	19.5			[illegible]7.2	[illegible]35
	21-23		1[illegible].1	1.2	3.		1[illegible].7	12.9	17.9			[illegible].7	[illegible]
			14.[illegible]	.7	2.7		17.4	12.5	1[illegible]			31.7	0[illegible]2

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK [illegible] 73-8[illegible] YEARS [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

			RAIN	FREEZING RAIN & DRIZZLE	SNOW AND/OR SLEET	FOG	% OF [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAR	[illegible]		16.4		1.7		17.4	7.9	16.[illegible]			[illegible]	[illegible]
	[illegible]		16.5		2.4		17.5	1[illegible].4	15.7			[illegible]	[illegible]
	[illegible]		17.5		3.7	.1	19.9	13.[illegible]	14.3			[illegible]	[illegible]
	[illegible]		16.1		3.4		20.0	3.8	14.[illegible]			17.8	[illegible]
	11-14	.2	19.[illegible]		1.5	.1	20.2	.2	11.[illegible]			11.[illegible]	[illegible]
	15-17		21.6		1.3	.2	23.4	.4	9.5			[illegible]	[illegible]
	18-2[illegible]		17.[illegible]		1.6	.2	18.7	1.2	12.4			13.[illegible]	[illegible]
	21-23		15.9		1.9		16.9	3.6	14.1			17.[illegible]	[illegible]
		.0	17.8		2.4	.1	19.3	5.4	13.4			15.[illegible]	73.[illegible]

[illegible]

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WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK — STATION NAME — 73-8[illegible] — YEARS — APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

			RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	ICE PELLETS WITH FREEZIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	[illegible]	[illegible]	TOTAL [illegible]
APR	00-02		11.1		.0		11.5	4.7	17.3		[illegible]		8[illegible]
	03-[illegible]		1[illegible].2		.7		10.6	[illegible].3	18.9		2[illegible].2		[illegible]84
	06-[illegible]		1[illegible].7		.6		13.3	1[illegible].3	2[illegible].2		[illegible].3		[illegible]84
	[illegible]-11		1[illegible].1		1.2		11.5	1.8	15.5		17.5		85[illegible]
	12-14	.1	1[illegible].5		.5		11.0	.1	1[illegible].2		1[illegible].3		[illegible]73
	15-17		[illegible].4		.5	.2	1[illegible].2	.1	6.7		6.5		583
	18-20		6.7		.7		[illegible]	.7	8.1		[illegible].5		[illegible]65
	21-23		6.8		.5		[illegible]	1.6	11.9		13.[illegible]		689
		.0	1[illegible].3		.8	.0	1[illegible].5	3.6	13.6		17.2		7273

[illegible] 5 OCT 6[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

		[illegible]	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF BLOWING PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	[illegible] WITH [illegible]	TOTAL [illegible]
MAY	[illegible]-02		11.0		.1		11.1	7.7	12.2			19.9	918
	[illegible]-05	.1	11.0				11.3	15.6	13.6			25.4	922
	[illegible]-08	.1	11.2				11.2	9.3	17.1			25.3	[illegible]
	[illegible]-11	.1	12.0				12.0	.5	9.9			[illegible]	917
	12-14	.1	13.2		.1		13.3		6.3			6.3	[illegible]
	15-17	.4	13.8		.4	.2	14.1		4.3			4.3	912
	[illegible]-20	.2	10.9				10.9	.1	[illegible]			[illegible]	[illegible]
	21-23		[illegible]		.2		12.0	2.1	7.8			9.8	916
		.1	11.9		.1	.0	12.0	4.4	9.6			14.0	73.1

[illegible]

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WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK — STATION NAME
73-82 — YEARS
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MO	DAY	THUNDER STORM	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	BLOWING WITH REDUCED VISIBILITY	TOTAL NUMBER OF OBS
JUN	[illegible]	.3	7.6				7.6	5.5	14.1			[illegible]	572
	22-25	.3	11.1				11.1	17.1	11.8			[illegible]	575
	26-28	.2	12.2				12.2	4.6	15.6			[illegible]	577
	[illegible]-11	.2	1[illegible].7				1[illegible].7	.2	6.3			[illegible]	569
	1[illegible]-14	.5	6.7				6.7	.3	3.6			[illegible]	565
	15-17	.9	11.[illegible]				11.5	.2	3.5			3.2	573
	18-2[illegible]	.2	11.6				11.6		2.5			2.[illegible]	587
	21-23	.3	8.8				9.8	1.7	9.1			1[illegible].5	587
		.4	1[illegible].2				10.2	3.5	8.5			12.4	6784

USAFETAC [illegible] 5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK — STATION NAME — 73-82 — YEARS — JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	[illegible]	RAIN AND OR DRIZZLE	FREEZING RAIN AND OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	[illegible]	.1	[illegible].7				[illegible].7	4.5	[illegible].4			17.[illegible]	597
	[illegible]	.3	[illegible].9				6.9	13.6	11.2			[illegible]	905
	[illegible]	.2	13.7				13.7	4.6	[illegible]			16.7	877
	[illegible]	.4	[illegible].5				6.8	.8	5.7		.1	6.5	901
	12-14	.3	7.3				7.3	.4	[illegible]			7.1	876
	15-17	.2	6.1				6.1		1.9			1.9	906
	18-2	.3	7.4				7.4		1.3			1.3	869
	21-23	.3	7.5				7.5	.7	7.2			7.8	892
		.3	7.9				7.9	2.7	6.3		.2	[illegible]	7143

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WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK — STATION NAME — 73-[illegible] — YEARS — AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OBS WITH TOTAL OBSCURATION	TOTAL NUMBER OBS
AUG	[illegible]-[illegible]	.3	10.2				10.[illegible]	4.6	15.5			34.1	[illegible]54
	[illegible]-[illegible]	.[illegible]	11.2				11.2	15.6	18.3			[illegible]	[illegible]
	[illegible]-[illegible]	.3	11.5				11.5	13.[illegible]	17.3			[illegible]	579
	[illegible]-[illegible]	.2	[illegible]				[illegible]	.7	10.4			[illegible]	597
	1[illegible]-14	.2	[illegible]				[illegible]		[illegible].7			[illegible].7	592
	1[illegible]-17	.2	12.1				13.1	.1	[illegible]			[illegible]	593
	18-2[illegible]	.5	10.1				10.1	.7	8.5			[illegible]	563
	21-23	.4	8.1				8.1	1.7	13.5			15.2	891
AL		.3	1[illegible]				1[illegible]	4.6	13.1			17.6	7123

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK — STATION NAME — 73-82 — YEARS — SEP — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	[illegible]	RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	[illegible] AND/OR SAND	[illegible] WITH [illegible]	[illegible]
SEP	0-3	.6	11.7				11.7	9.2	13.5			2.5	879
	3-6	.1	11.7				11.7	20.0	10.6			3.5	878
	6-9		11.7				11.7	19.2	10.9			2.0	866
	9-11		9.2				9.2	1.5	12.1			13.6	876
	11-14	.2	9.7				9.7	.1	5.2			5.3	873
	14-17	.2	11.1				11.1	.1	5.3			5.4	886
	18-21	.2	11.6				11.6	.7	10.0			17.7	873
	21-23	.6	11.9				11.9	2.1	13.7			15.8	875
[illegible]		.3	11.1				11.1	6.5	10.3			16.9	7[illegible]6

[illegible] OF A [illegible] THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

BRIZE NORTON RAF UK — STATION NAME | 73-80 — YEARS | OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

	HOUR	THUNDER STORM	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-03		14.2				14.2	18.3	9.4			27.4	927
	03-06		13.6				13.6	24.3	7.2			31.5	922
	06-09		14.2				14.2	24.2	9.3			33.5	917
	09-12		13.2				13.2	13.1	13.5			25.6	922
	12-15		14.5				14.5	1.5	13.7			13.5	921
	15-18		10.6				10.6	.7	9.7			1[illegible].4	925
	18-21		13.5				13.5	5.2	11.5			16.7	917
	21-24		13.3				13.3	11.6	11.2			27.	917
ANY			13.				13.5	12.1	10.3			22.3	7[illegible]7

USAFETAC FORM 0-1 OCT 75 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK — STATION NAME — 73-87 — YEARS — NOV — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER STORM	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	FOG (LESS WITH PRECIP)	FOG	MIST AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	BLOWING SAND WITH DUST STORM	TOTAL NO. OBS
NOV	[illegible]		14.[illegible]				14.[illegible]	14.6	[illegible]			24.[illegible]	[illegible]
	03-[illegible]		14.5		.[illegible]		14.7	15.4	8.3			23.7	593
	[illegible]		10.6		.3		10.5	15.5	7.2			[illegible]	[illegible]
	[illegible]-11		14.1		.7		14.4	15.6	9.6			[illegible]	589
	12-14		12.3		.3		13.[illegible]	4.7	7.9			12.[illegible]	586
	15-17	.2	14.3		.2		14.3	5.2	8.9			14.[illegible]	597
	[illegible]-20		13.1				13.1	8.7	9.9			14.6	585
	21-23		12.[illegible]				12.[illegible]	12.7	9.4			22.1	[illegible]52
TOTAL		.0	13.9		.2		14.[illegible]	11.[illegible]	8.5			1[illegible].0	7[illegible]93

[illegible] 2 OBSOLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7649[illegible] BRIZE NORTON RAF UK — STATION NAME — 73-82 — YEARS — DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02		10.9	.2	2.0		10.9	18.4	9.2			27.6	918
	03-05	.1	10.5		2.5		10.9	16.7	10.4			27.1	916
	06-08		17.7		2.1		19.5	17.8	7.8			25.7	920
	09-11		10.5		2.6		17.8	13.4	8.4			21.5	918
	12-14		14.7		2.4		16.9	7.6	10.9			19.5	905
	15-17		10.7		2.5	.1	10.2	9.2	12.2			21.4	913
	18-20		10.4		1.6		10.7	14.9	10.5			25.4	915
	21-23		14.2		2.0		15.0	17.6	9.7			27.3	916
TOTAL		.0	13.1	.0	2.1	.0	16.7	14.5	9.9			24.4	7722

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GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK — STATION NAME
73-[illegible] — YEARS
ALL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL	.0	15.6	.1	2.7	.0	15.6	14.4	8.5			22.4	7778
FEB			14.2	.7	2.7		17.4	12.5	19.3			31.7	6862
MAR		.0	17.8		2.4	.1	19.3	5.4	13.4			1[illegible].5	7[illegible]
APR		.0	10.3		.8	.0	10.6	3.5	15.6			17.2	7073
MAY		.1	11.9		.1	.0	12.0	4.4	9.6			14.[illegible]	73[illegible]1
JUN		.4	10.2				10.2	3.9	8.5			12.4	6964
JUL		.3	7.9				7.9	2.7	8.3		.0	9.0	7143
AUG		.3	10.0				10.0	4.6	13.1			17.6	7123
SEP		.3	11.1				11.1	5.5	13.3			16.9	7[illegible]5
OCT			13.8				13.8	12.1	10.3			22.3	7297
NOV		.0	13.9		.2		14.0	11.0	8.8			19.8	7[illegible]93
DEC		.0	15.1	.0	2.0	.0	16.7	14.5	9.9			24.4	7322
TOTAL		.1	12.5	.1	.9	.0	13.3	8.0	11.0		.0	19.9	85[illegible]1

[illegible]

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the data presented summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

[illegible] BRIDGE MORTON RAF [illegible] 73-82 YEARS ALL MONTHS

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

		THUNDER-STORM	RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH REDUCED VISIBILITY	TOTAL NUMBER OF OBS
JAN	DAILY	1.0	51.1	1.0	15.0	.3	60.0	43.5	39.3		.	46.6	374
FEB		.	50.4	3.0	16.3	.	54.0	43.3	51.0		.	54.0	282
MAR		.0	56.1	.	10.2	1.0	67.7	25.0	39.0		.	44.0	31
APR		.3	50.0	.	0.0	.7	51.7	19.3	44.3		.	47.0	300
MAY		2.9	57.9	.	1.0	.0	58.3	26.9	39.0		.	45.9	309
JUN		4.7	48.0	.	.	.	48.0	28.3	32.3		.	44.3	300
JUL		3.5	46.5	.	.		46.5	17.7	33.5		.	41.6	31
AUG		3.9	47.1	.	.	.	47.1	20.0	46.5		.	53.7	31
SEP		4.0	50.0	.	.	.	50.0	36.3	38.7		.	53.0	30
OCT		.	57.7	.			57.7	45.5	42.3		.	56.7	31
NOV		.7	62.7	.	1.0	.	53.0	32.3	32.7		.	45.3	300
DEC		.3	53.5	.3	1.3	.	56.3	42.5	3.0		.	53.0	31
[illegible]		1.0	50.1	.4	3.4	.2	57.7	32.6	3.9			51.3	3647

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

DATA NOT AVAILABLE

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

C

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS LST

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
%													

TOTAL NUMBER OF OBSERVATIONS

[illegible] CLIMATOLOGY BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS [illegible]

CONDITION [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS OBSY

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
%	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS LST

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

[illegible] CLASS | [illegible] HOURS [illegible]

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.1
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.7
NE	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	1.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	1.1	1.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	3.3	4.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	1.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	5.7	1.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] OL A [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS [illegible]

CONDITION [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] OL A [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS ALL WEATHER HOURS [illegible]

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] 64 OBSOLA PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

[illegible] AL CLIMATOLOGY BRANCH
[illegible]TAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED KNTS	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

LONGITUDE

DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | CLASS | CONDITION

DIRECTION	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS

CONDITION

DIRECT.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | CLASS

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-		MEAN
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS

CLASS

FUNCTION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-		MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL													
CALM													
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS ALL WEATHER HOURS [illegible]

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | NO. OBS. DAY

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
ALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS

CONDITION

SPEED KNOTS (MPH)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS

DIRECTION	4	7	11	16	21	27	33	40	47	55	MEAN WIND SPEED
N											
NNE											
NE											
ENE											
E											
ESE											
SE											
SSE											
S											
SSW											
SW											
WSW											
W											
WNW											
NW											
NNW											
VARBL											
CALM											

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

DIRECTION	1 - 6	7 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56 -	MEAN WIND SPEED
N										
NNE										
NE										
ENE										
E										
ESE										
SE										
SSE										
S										
SSW										
SW										
WSW										
W										
WNW										
NW										
NNW										
VARBL										
CALM										

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS LST

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS LST: [illegible]

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	[illegible]	[illegible]
ESE	[illegible]	[illegible]	-	[illegible]	-	-	-	-	-	-	-	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
WNW	-	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
VARBL	-	-	-	-	-	-	-	-	-	-	-	-	
CALM	-	-	-	-	-	-	-	-	-	-	-	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | NO. OBS. OBT.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS LST

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS - L.S.T.

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS ALL WEATHER HOURS (LST) [illegible]

CONDITION

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS LST

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS LST

CONDITION

SPEED KNOTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

SPEED (KNOTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56		MEAN (KNOTS)
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME

YEARS

CLASS

	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56 - 63		
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

FEET AND DIR	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	MEAN WIND SPEED
N											
NNE											
NE											
ENE											
E											
ESE											
SE											
SSE											
S											
SSW											
SW											
WSW											
W											
WNW											
NW											
NNW											
VARBL											
CALM											

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

WIND DIRECTION	1 2	4 6	7 10	11 15	17 21	22 27	28 33	34 40	41 47	48 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS LST

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS

HOURS LST

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ALL WEATHER

HOURS LST ____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	1.4	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	1.4	[illegible]								5.7	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	1.4	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	22.[illegible]	[illegible]	[illegible]	1.4	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] STATION — [illegible] STATION NAME — [illegible] YEARS — [illegible] MONTH

[illegible] CLASS — [illegible] HOURS [illegible]

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

HOURS LST

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED RANGE (KTS) / DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED RANGE (KT) / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME

YEARS

CLASS

CONDITION

	3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	56	MEAN AND MAX
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARB												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH

CLASS

SEASON

WIND DIRECTION	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 55		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS

CLASS

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME

YEARS

MONTH

CLASS

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS LST

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS LST

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME

YEARS

CLASS

CONDITION

KNOTS	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	•	•	•	•	•							•	•
NNE	•	•	•	•	•	•						•	•
NE	•	•	•	•	•							•	•
ENE	•	•	•	•								•	•
E	•	•	•	•								•	•
ESE	•	•	•	•								•	•
SE	•	•	•	•								•	•
SSE	•	•	•	•								•	•
S	•	•	•	•								•	•
SSW	•	•	•	•	•							•	•
SW	•	•	•	•	•							•	•
WSW	•	•	•	•	•	•						•	•
W	•	•	•	•	•							•	•
WNW	•	•	•	•	•	•						•	•
NW	•	•	•	•								•	•
NNW	•	•	•	•	•							•	•
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	•	
	T	T	T	T	T	T	T	T	T	T	T		
	•	•	•	•	•	•						•	•

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS

CONDITION

SPEED KNOTS / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS

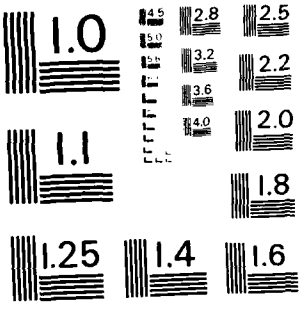
DIRECTION

DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+		MEAN WIND SPEED
N	•	•	•	•								•	•
NNE	•	•	•	•								•	•
NE	•	•	•	•	•							•	•
ENE	•	•	•	•	•							•	•
E	•	•	•	•								•	•
ESE	•	•	•									•	•
SE	•	•	•										
SSE	•	•										•	
S	•	•	•	•								•	
SSW	•	•	•	•	•							•	•
SW	•	•	•	•								•	•
WSW	•	•	•	•								•	•
W	•	•	•	•	•							•	•
WNW	•	•	•	•								•	•
NW	•	•	•	•								•	•
NNW	•	•	•	•								•	•
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	•	
	—	—	—	—	—	—	—	—	—	—	—		
	•	•	•	•	•							•	•

*TOTAL NUMBER OF OBSERVATIONS

AD-A131 621 BRIZE NORTON RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83 2/5

UNCLASSIFIED USAFETAC/DS-83-014 SBI-AD-E850 392 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	BRIZE NORTON RAF UK	73-[illegible]	[illegible]

CLASS: ALL WEATHER — HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.[illegible]	2.7	.9	.1							9.[illegible]	6.[illegible]
NNE	1.[illegible]	1.[illegible]	1.9	.9	.1	.						[illegible].3	6.[illegible]
NE	1.7	2.[illegible]	2.7	.6	.2	.2						7.[illegible]	5.5
ENE	1.[illegible]	1.7	2.2	.8	.1	.						[illegible].[illegible]	7.[illegible]
E	1.6	1.5	1.4	.6								5.[illegible]	5.9
ESE	.2	.7	.6	.2								[illegible].2	[illegible]
SE	.2	.	.3	.1	.							1.3	[illegible].3
SSE	.4	.5	.7	.2	.							1.2	[illegible].4
S	.	1.[illegible]	.7	.5	.							3.2	6.5
SSW	1.3	1.[illegible]	1.9	1.3	.3	.						6.6	6.[illegible]
SW	1.[illegible]	2.[illegible]	3.[illegible]	1.9	.2	.1	.					[illegible].5	7.6
WSW	1.[illegible]	3.2	5.2	3.7	.2	.1						1[illegible].5	7.8
W	[illegible]	3.[illegible]	2.2	2.[illegible]	.1							[illegible].9	6.9
WNW	1.3	1.1	1.3	.7	.	.						4.4	5.4
NW	.7	1.2	1.5	.7	.1							4.2	7.3
NNW	1.[illegible]	1.3	1.7	.9	.	.						5.2	7.2
VARBL													
CALM												4.[illegible]	
	1[illegible].3	2[illegible].2	3[illegible].1	1[illegible].7	1.6	.3	.2					[illegible].2	6.8

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	BRIZE NORTON RAF UK	73-8[illegible]	SEP

CLASS: ALL WEATHER — HOURS (LST): 00[illegible]-[illegible]

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	1.9	.9								5.3	5.4
NNE	1.5	.7	.5	.5		.1						3.[illegible]	5.3
NE	1.7	2.1	1.[illegible]	.3	.1							4.[illegible]	[illegible].6
ENE	1.5	.5	.7	.5								3.4	5.5
E	1.7	1.1	.6	.3								3.[illegible]	4.9
ESE	.5	.7	.7	.1								[illegible].2	[illegible]
SE	.5	.7	.1									1.[illegible]	4.5
SSE	[illegible]	1.[illegible]	.1									[illegible].2	4.1
S	1.8	1.9	1.5	1.4								[illegible].4	6.9
SSW	1.5	1.3	3.8	1.7	.6	.1						9.5	8.3
SW	2.7	3.4	4.7	2.[illegible]	.6	.2						13.7	7.5
WSW	3.3	3.9	4.3	2.3	.1							15.[illegible]	5.4
W	4.7	4.2	1.6	.9	.1							11.5	5.[illegible]
WNW	1.6	.8	.1	.6								3.1	3.1
NW	.3	.7	.5	.7	.1							2.3	[illegible].2
NNW	.5	1.[illegible]	1.[illegible]									[illegible].3	5.7
VARBL													
CALM												7.[illegible]	
	28.8	26.5	23.3	12.2	1.6	.5						100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]79

USAFETAC FORM 0855OL, JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] — STATION
BASE NORTON RAF UK — STATION NAME
73-82 — YEARS
[illegible] — MONTH

ALL WEATHER — CLASS
[illegible] — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.3	2.1	1.4								5.7	7.5
NNE	1.2	.7	.7	.6	.1							4.[illegible]	5.5
NE	1.7	.5	.7	.3								3.[illegible]	5.8
ENE	1.4	1.3	.5	.5								4.[illegible]	5.[illegible]
E	1.6	.7	.2	.1								[illegible]	4.[illegible]
ESE	1.3	.7	1.1	.2								3.[illegible]	5.7
SE	1.1	1.[illegible]	.3									2.[illegible]	4.1
SSE	.1	.2	.5									1.[illegible]	6.[illegible]
S	1.5	1.5	2.3	1.2	.2							[illegible]	7.[illegible]
SSW	1.2	2.1	3.1	2.1	.2							[illegible]	7.5
SW	1.4	3.3	3.3	1.9	.3							1[illegible].3	7.7
WSW	4.[illegible]	4.4	4.4	2.8	.5	.1						17.1	5.9
W	[illegible]	4.[illegible]	1.2	.3	.1							11.3	4.5
WNW	1.1	.7	.6	.2	.1							[illegible].7	5.6
NW	1.4	.7	1.5	.1	.3							4.3	6.[illegible]
NNW	.[illegible]	.[illegible]	.7	.1								[illegible].1	5.2
VARBL													
CALM												.9	
	.9	4.1	3.2	12.6	1.9	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]76

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	SPICE NORTON RAF UK	73-82	SEP

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.[illegible]	2.2	1.[illegible]	.1							5.7	7.4
NNE	2.1	.6	.6	.8								3.[illegible]	5.6
NE	2.5	1.5	.7	.5								5.2	4.5
ENE	3.[illegible]	.5	1.2	.7								4.3	5.7
E	2.5	1.4	.5	.3								4.5	4.5
ESE	1.2	1.[illegible]	.7	.3								3.7	5.5
SE	.5	.8	.3	.1								2.[illegible]	5.1
SSE	.7	.5	.7	.6								3.2	6.4
S	1.2	1.7	1.3	1.2								4.5	7.6
SSW	1.3	2.7	2.2	2.3	.3							9.7	6.[illegible]
SW	3.2	3.1	5.2	2.5								14.1	7.2
WSW	3.5	4.5	4.3	2.5	.3							15.1	6.9
W	4.3	2.7	1.0	1.2	.1							9.2	5.3
WNW	.6	.7	.5	.2	.2							2.2	7.1
NW	.1	.5	.7	.5	.2							2.3	5.8
NNW	.3	.6	.6	.6								2.1	5.1
VARBL													
CALM												5.1	
	27.3	24.6	22.5	15.5	1.4							100.0	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS 968

USAFETAC FORM 0-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) — GRIFFISS NORTON RAF UK (STATION NAME) — 73-8[illegible] (YEARS) — [illegible] (MONTH)

ALL WEATHER (CLASS) — [illegible] (HOURS (EST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	1.6	2.1	.1	.1						4.[illegible]	1[illegible].3
NNE	.2	.3	1.7	1.1	.1							[illegible].2	1[illegible].2
NE	.2	.5	.9	.5								2.2	7.2
ENE	1.7	1.[illegible]	1.6	.7								[illegible]	6.3
E	1.9	1.[illegible]	1.7	.6								5.[illegible]	6.1
ESE	1.[illegible]	1.4	1.[illegible]	.7								[illegible].1	6.7
SE	.6	1.[illegible]	.6	.7								[illegible]	6.[illegible]
SSE	1.7	.[illegible]	.5	.2	.1							[illegible]	5.7
S	1.6	1.3	2.3	2.9	.7	.1						[illegible].3	[illegible]
SSW	.9	1.[illegible]	2.9	2.5	.7	.3						[illegible].3	1[illegible].2
SW	1.1	1.[illegible]	4.3	6.6	.6	.1						14.6	[illegible].9
WSW	1.1	3.[illegible]	4.8	5.1	1.3							1[illegible].4	[illegible].3
W	1.3	1.5	2.9	5.6	.6							1[illegible].1	1[illegible].[illegible]
WNW		.[illegible]	.9	.5	.6							[illegible].4	1[illegible].3
NW	.[illegible]	.1	1.3	.6	.[illegible]							3.1	[illegible].4
NNW	.[illegible]	.6	1.4	1.1	.2	.1						3.[illegible]	[illegible].7
VARBL													
CALM												.0[illegible]	
	3[illegible].7	18.[illegible]	3[illegible].1	32.[illegible]	4.8	.8						1[illegible].[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]76

USAFETAC [illegible] 0 8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) BRIZE NORTON RAF UK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	1.5	1.5								5.7	9.1
NNE	[illegible]	[illegible]	1.6	1.1								3.4	9.[illegible]
NE	[illegible]	[illegible]	.8	.6								2.3	7.7
ENE	[illegible]	.7	1.3	[illegible]								3.[illegible]	[illegible].2
E	.5	[illegible]	1.6	[illegible]								4.[illegible]	[illegible].4
ESE	[illegible]	1.1	.5	1.1								3.[illegible]	5.1
SE		[illegible]	[illegible]	[illegible]								1.[illegible]	7.9
SSE	[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible]						[illegible].0	7.9
S	1.1	1.1	2.4	3.2	1.1							[illegible]	[illegible]
SSW	1.[illegible]	1.1	2.6	4.2	[illegible]							11.1	[illegible].7
SW	[illegible]	1.[illegible]	4.1	6.9	1.[illegible]	.1	.1					14.[illegible]	11.[illegible]
WSW		1.[illegible]	3.4	[illegible].7	1.[illegible]	[illegible]						15.5	11.9
W	[illegible]	1.[illegible]	3.6	[illegible].3	1.1	[illegible]						17.7	11.2
WNW	[illegible]	[illegible]	1.6	2.2	1.1	[illegible]						6.2	11.7
NW	[illegible]	.7	2.2	[illegible]	[illegible]	.1						4.5	[illegible].6
NNW	[illegible]	.5	[illegible]	.9	.1							2.5	[illegible].7
VARBL													
CALM												.5	
	[illegible]	13.6	3[illegible].6	38.6	6.[illegible]	1.4	.1					[illegible]	1[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0 8 5 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	BRIZE NORTON RAF UK	7[illegible]-8[illegible]	SEP

CLASS: ALL WEATHER

HOURS (LST): [illegible]-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	2.7	.8								4.9	7.7
NNE	.2	.7	1.4	1.5								3.8	9.3
NE	.1	.5	.9	.7								2.3	8.2
ENE	.5	.3	1.5	.3								2.5	7.4
E	.1	.9	.9	1.2								3.[illegible]	[illegible]
ESE	.3	.6	.2	.7								1.8	7.3
SE	.3	.5	.6	.2	.1							1.1	8.9
SSE	.5	.5	.9	1.4	.2							3.4	7.9
S	1.1	1.1	3.5	3.2	.6							9.5	9.5
SSW	.9	1.2	3.8	3.3	1.6	.1						1[illegible].6	10.9
SW	.6	2.0	3.3	4.0	.7							1[illegible].5	9.8
WSW	1.2	2.4	6.2	5.3	2.0	.3	.1					[illegible].3	11.0
W	1.0	1.9	3.6	4.4	.7	.1						11.6	9.7
WNW	.1	.6	2.0	3.3	1.1	.2						8.3	12.1
NW	.1	.2	1.9	.9	.2							3.3	10.0
NNW	.2	.5	2.1	.9								3.7	8.8
VARBL													
CALM												.3	
	8.0	14.2	35.2	33.6	7.2	.8	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 684

USAFETAC FORM JUL 64 0 8 5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	BRIZE NORTON RAF UK	73-82	SEP

CLASS: ALL WEATHER

HRS (LST): 18 [illegible]-[illegible]

CONDITION:

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible].2	2.3	.2								[illegible].4	7.[illegible]
NNE	.7	1.2	.7	.9								[illegible]	[illegible]
NE	.5	.5	1.3	.3								3.3	5.2
ENE	.5	.3	.5									1.3	5.1
E	1.7	.5	.9	.6								3.[illegible]	[illegible]
ESE	.3		.[illegible]	.5	.1							2.3	7.4
SE	.5	.3	.6	.3								[illegible].1	[illegible]
SSE	.2	1.6	1.[illegible]	.3	.3							[illegible].7	7.3
S	2.3	3.[illegible]	2.3	1.5	.6							[illegible].3	7.1
SSW	1.7	3.1	3.[illegible]	2.2	.3	.1						10.4	7.8
SW	1.7	3.4	4.[illegible]	2.6	.5	.1						12.4	[illegible]
WSW	7.1	7.3	5.2	4.8	.7	.1						17.2	[illegible].5
W	2.4	3.[illegible]	2.8	1.3								[illegible].3	5.9
WNW	.6	1.8	.8	1.4	.3							[illegible]	6.7
NW	.7	1.1	1.[illegible]	.7								3.[illegible]	6.6
NNW	1.[illegible]	2.2	1.6	.2								[illegible]	[illegible]
VARBL													
CALM												[illegible].3	
	18.4	28.1	29.2	18.6	2.7	.3						100.3	7.3

TOTAL NUMBER OF OBSERVATIONS [illegible]7[illegible]

USAFETAC FORM JUL 64 0-45 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRANCH
[illegible]FLTAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) BRIDE NORTON RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1[illegible]-2[illegible] (HOURS [illegible])

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.9	2.6	.3								[illegible]	[illegible]
NNE	1.[illegible]	.9	.9	.7								3.[illegible]	5.5
NE	1.1	1.3	1.7	.1	.1							4.3	[illegible]
ENE	.5	.7	1.1	.3								[illegible]	[illegible]
E	.9	.9	.8	.3								[illegible]	5.7
ESE	1.5	.5	.6		.1							[illegible]	4.9
SE	.7	.3	.3	.3								[illegible]	[illegible]
SSE	.9	.5	.5	.1								[illegible]	[illegible]
S	1.1	3.2	1.8	1.[illegible]	.3							7.5	7.[illegible]
SSW	2.7	3.[illegible]	4.3	2.1	.7	.1						12.9	7.5
SW	2.6	4.[illegible]	4.7	2.1								1[illegible].4	6.[illegible]
WSW	3.1	5.3	4.6	3.2	1.[illegible]							17.1	7.8
W	3.3	3.4	1.3	.5	.1							[illegible]	[illegible]
WNW	1.3	1.[illegible]	.5	.7								[illegible]	6.2
NW	.3	.5	.6	.3								[illegible]	[illegible]
NNW	1.4	1.1	1.0	.1								3.7	5.1
VARBL													
CALM												[illegible]	
	[illegible]	2[illegible].1	27.3	13.1	2.4	.1						1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8 5 JUL 64 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] — STATION
BRIZE NORTON RAF UK — STATION NAME
[illegible] — YEARS
SEP — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	2.1	1.1	.2	.2						5.4	7.7
NNE	.2	.1	1.2	.7	.2	.2						3.0	7.4
NE	.1	.6	1.2	.5	.2							3.0	6.1
ENE	.1	.4	1.1	.5								2.4	6.2
E	1.2	1.2	.5	.6								3.5	6.3
ESE	.6	.3	.7	.5	.1							2.2	6.4
SE	.4	.3	.5	.2	.1							1.5	5.7
SSE	.7	.3	.7	.4	.1	.1						2.7	6.5
S	1.4	1.3	2.2	1.9	.4	.1						7.7	6.3
SSW	1.7	2.4	3.3	2.6	.4	.1						10.1	6.8
SW	1.2	2.3	4.2	3.6	.5	.1	.1					12.0	6.6
WSW	2.2	3.6	4.7	4.3	.7	.1	.2					17.0	6.7
W	2.7	2.3	3.2	3.5	.4	.1						12.7	7.3
WNW	.7	.6	.7	1.2	.4	.1						3.7	7.7
NW	.2	.8	1.3	.5	.2	.1						3.6	6.1
NNW	.6	.9	1.2	.5	.2	.1						3.3	7.2
VARBL													
CALM												4.3	
	20.7	22.3	27.7	21.9	3.6	.5	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] 0-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY [illegible]
[illegible]
AT[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — [illegible] NORTON RAF UK STATION NAME — [illegible] YEARS — [illegible] MONTH

ALL WEATHER CLASS — [illegible] HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible]
NNE	1.2	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].4	[illegible]
NE	1.7	2.1	1.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	2.3	[illegible]	[illegible].5	.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].4	[illegible].5
E	2.[illegible]	1.7	1.5	.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	1.4	.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	.7	1.1	[illegible]	.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.4	7.
SSE	[illegible]	[illegible]	.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	1.[illegible]	1.[illegible]	1.[illegible]	[illegible]	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].5	7.
SSW	1.2	1.1	1.[illegible]	1.8	.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	1.[illegible]	2.[illegible]	2.3	1.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.[illegible]	7.1
WSW	2.[illegible]	[illegible]	3.7	1.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible].2	[illegible].6
W	[illegible].6	[illegible].4	1.6	1.9	.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].5
WNW	1.4	[illegible]	.5	[illegible]	.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	.4	[illegible]	1.7	1.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	.3
NNW	1.2	.3	1.1	2.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.5	
	[illegible].3	25.1	23.7	15.5	2.6	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS: [illegible]

CONDITION: [illegible]

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
%	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS: [illegible]

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	1.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	1.4	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	1.4	1.4	1.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	1.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	1.5	1.8	1.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	1.2	[illegible]	[illegible]	1.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	2.7	1.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	3.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	4.1	7.4	1.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	1.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	1.5	1.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	1.[illegible]	1.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
	[illegible]	[illegible]	[illegible]	13.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

[illegible] AL CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — [illegible] STATION NAME — [illegible] YEARS — [illegible] MONTH

ALL WEATHER CLASS — [illegible] HOURS [illegible]

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] OL A [illegible]

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — [illegible] STATION NAME — [illegible] YEARS — [illegible] MONTH

ALL WEATHER CLASS — [illegible] HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: BRIDGEWATER RAF UK YEARS: [illegible] MONTH: OCT

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] 5 OL A [illegible]

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] BRIZE NORTON RAF UK [illegible] [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	1.5	1.2	.5							[illegible]	[illegible]
NNE	[illegible]	.5	[illegible]	[illegible]								[illegible]	[illegible]
NE	.1	1.4	1.2	.8	.1							[illegible]	7.[illegible]
ENE	1.9	1.5	2.3	.9	.1							[illegible]	7.2
E	[illegible]	1.3	1.[illegible]	.3								4.[illegible]	[illegible]
ESE	[illegible]	[illegible]	1.[illegible]	.5								[illegible]	[illegible]
SE	1.[illegible]	.4	[illegible]	.4	.1							[illegible]	[illegible]
SSE	1.1	1.2	[illegible]	.4	.3							[illegible]	[illegible]
S	2.4	2.[illegible]	2.9	1.3	.1							[illegible]	[illegible]
SSW	[illegible]	1.[illegible]	1.3	1.9	.7	[illegible]						7.3	[illegible]
SW	1.5	2.[illegible]	4.[illegible]	2.2								[illegible]	7.[illegible]
WSW	[illegible]	3.4	3.5	3.4		[illegible]						11.3	[illegible]
W	1.5	2.4	2.8	.9	.1							7.4	[illegible]
WNW	1.7	2.1	1.3	.2								[illegible]	[illegible]
NW	.5	1.[illegible]	1.5	.9	.1							[illegible]	7.[illegible]
NNW	.9	1.[illegible]	1.3	1.[illegible]	.1							4.1	7.7
VARBL													
CALM												.5	
	[illegible]	24.[illegible]	[illegible].1	15.6	7.3	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]17

USAFETAC [illegible] OL A [illegible] [illegible] ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] PAF [illegible] YEARS: 77-8[illegible] MONTH: OCT

CLASS: ALL WEATHER HOURS (LST): 1 [illegible]

CONDITION

SPEED KNTS (R)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	1.4								[illegible]	[illegible]
NNE	[illegible]	[illegible]	1.1	[illegible]								[illegible]	5.6
NE	1.[illegible]	1.[illegible]	1.1	1.2	.4							[illegible]	7.2
ENE	[illegible]	[illegible]	1.[illegible]	.8								[illegible]	5.7
E	[illegible].1	1.[illegible]	1.[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	1.4	[illegible]								[illegible]	5.3
SSE	[illegible]	1.[illegible]	[illegible]		.1							[illegible]	5.6
S	[illegible].1	1.[illegible]	[illegible]	1.5	[illegible]							[illegible]	5.7
SSW	[illegible]	1.[illegible]	1.7	1.5	[illegible]	.1						[illegible]	7.3
SW	2.4	[illegible]	4.1	1.7	.1							[illegible]	5.7
WSW	[illegible]	[illegible]	[illegible]	1.[illegible]	.5							11.1	7.3
W	[illegible]	[illegible]	[illegible]	1.2	.5	.1						[illegible]	[illegible]
WNW	1.2	[illegible]	[illegible]	.5								[illegible]	[illegible]
NW	[illegible]	[illegible]	1.[illegible]	[illegible]	.1							[illegible]	[illegible]
NNW	1.[illegible]	1.[illegible]	1.6	1.4								[illegible]	7.7
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	SPIRE NORTON RAF UK	73-83	[illegible]

CLASS: ALL WEATHER — HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.2	1.4	1.5	.5	.						[illegible]	[illegible]
NNE	.3	.7	.9	1.0	.1	.						[illegible]	7.[illegible]
NE	1.4	1.3	1.1	1.2	.3	.						[illegible]	7.3
ENE	1.5	1.5	1.3	.8	.1							[illegible]	6.4
E	1.7	1.6	1.3	.6	.1	.0						[illegible]	[illegible]
ESE	1.1	1.2	1.4	.5	.1							[illegible]	6.5
SE	.7	.7	1.2	.7	.1							[illegible]	7.[illegible]
SSE	.9	.9	.8	.5	.1							[illegible]	6.7
S	1.5	1.7	2.[illegible]	1.7	.2	.1						[illegible]	7.[illegible]
SSW	1.5	1.3	2.[illegible]	2.4	.6	.1						[illegible]	[illegible]
SW	1.7	1.9	2.9	2.4	.4	.1						[illegible]	[illegible]
WSW	2.1	3.4	3.3	2.8	.3	.1						1[illegible]	7.5
W	2.2	2.2	2.2	1.9	.3	.1						[illegible]	7.6
WNW	1.1	.7	1.1	1.1	.3	.	.					[illegible]	[illegible]
NW	.5	.9	1.6	1.8	.2							[illegible]	[illegible]
NNW	.8	.8	1.5	1.4	.2	.1						[illegible]	6.7
VARBL													
CALM												[illegible]	
	[illegible].3	21.7	25.9	[illegible].1	3.6	.6	.2					1[illegible]	7.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-85 (OL A) [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] NORTON AFB CA YEARS: 7[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION: [illegible]

SPEED (KNTS), DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.8	1.1	.5	.2						3.[illegible]	1[illegible].7
NNE	.7	.9	1.2	.3	.2							3.[illegible]	7.7
NE	.2	.7	.5	.6	.7	.1						2.[illegible]	7.[illegible]
ENE	.1	.2	.3	.5								.[illegible]	6.7
E	.5	1.[illegible]	.9	.5								2.1	6.[illegible]
ESE	.7	.1	.5									1.2	.[illegible]
SE	.2	.5	.8	.2								1.[illegible]	7.[illegible]
SSE	.3	.5	.3	.1	.1							1.7	5.1
S	1.2	1.1	1.8	.6	.3	.1						[illegible].4	7.5
SSW	2.6	1.3	2.[illegible]	2.5	.9	.5						[illegible].6	1[illegible].4
SW	1.1	2.7	6.1	6.3	.9	.1						17.1	1[illegible].3
WSW	2.7	4.4	5.1	4.5	.7	.3						17.2	[illegible].3
W	3.1	4.6	4.1	5.0	.5	.2						14.5	7.5
WNW	.7	1.2	.[illegible]	.8	.3	.1						4.[illegible]	.1
NW	.6	.7	1.5	.2	.2							2.7	[illegible]
NNW	.3	.5	.8	1.1	.3	.1						3.1	1[illegible].7
VARBL													
CALM												.4	
	17.1	23.7	27.3	21.7	5.1	1.7						1[illegible].3	7.3

TOTAL NUMBER OF OBSERVATIONS [illegible]984

USAFETAC FORM [illegible] OBSOLA[illegible] [illegible] OF THIS FORM ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) — [illegible] NORTON AFB CA (STATION NAME) — 73-82 (YEARS) — NOV (MONTH)

ALL WEATHER (CLASS) — [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	2.2	1.2	.1	.1						4.5	[illegible]
NNE	1.1	.5	1.2	.2	.2							3.4	6.6
NE	1.1	.7	.4	.3		.3						2.8	7.5
ENE	.5	.3	1.3	.8								2.9	6.6
E	1.6	.9	1.[illegible]	.4								3.9	5.5
ESE	.7	.[illegible]	.6									1.[illegible]	4.2
SE	.5	.7	.8	.4								2.3	6.6
SSE	.7	.4	.3									1.4	[illegible]
S	1.5	.2	1.1	.3	.2							3.4	6.6
SSW	.7	1.5	3.6	2.6	.5	.4						9.2	[illegible]
SW	1.3	2.1	5.3	7.1	1.5	.1						18.3	10.1
WSW	1.3	4.[illegible]	6.8	3.4	.5							16.2	8.3
W	2.5	3.3	3.3	2.6	1.1	.2						13.2	[illegible]
WNW	1.3	.7	1.2	.1	.2							[illegible].3	6.5
NW	.1	.3	1.1	.4	.3							2.[illegible]	10.2
NNW	.5	.3	1.5	1.8	.1							4.[illegible]	10.2
VARBL													
CALM												7.7	
	15.9	16.5	32.1	21.7	4.8	1.2						100.2	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] 64 5-5 OL A (PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] — STATION
UPPER NORTON RAF UK — STATION NAME
[illegible] — YEARS
NOV — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	1.6	1.7	.4	.1						4.4	7.7
NNE	.3	.5	1.3	.6								2.1	7.0
NE	.7	.3	.6	.5		.1	.1					3.1	6.7
ENE	.3	.3	.3	.7								1.3	7.6
E	1.2	.3	.5	.1								2.1	5.2
ESE	.2	.5	.3	.7								1.7	6.1
SE	.3	.7	.8	.6								2.3	7.0
SSE	1.2	.7	1.1	.1								3.7	5.7
S	1.7	.7	1.3	.8	.3							4.3	6.3
SSW	1.4	1.3	3.6	2.6	1.4	.7						11.1	10.5
SW	1.6	2.4	4.0	5.3	1.0							14.3	7.7
WSW	2.0	3.2	5.4	3.7	.6	.1						14.7	6.0
W	2.5	3.1	3.3	3.7	1.1	.1						13.8	6.5
WNW	.7	.6	1.0	.2	.2							2.8	6.6
NW	.3	.3	1.3	.8	.5							3.2	7.2
NNW	1.4	.2	1.6	1.7	.3							5.3	6.6
VARBL													
CALM												2.4	
	23.3	26.2	29.1	23.1	5.5	.5	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 834

[illegible] AL CLIMATOLOGY BRANCH
[illegible]
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION | [illegible] STATION NAME | 73-[illegible] YEARS | [illegible] MONTH

ALL WEATHER CLASS | [illegible] HOURS [illegible]

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	13.[illegible]	27.6	31.5	6.7	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
#													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFA

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS - L S T

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — [illegible] STATION NAME — [illegible] YEARS — [illegible] MONTH

ALL WEATHER CLASS — [illegible] HOURS [illegible]

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] OL A [illegible]

GLOBAL CLIMATOLOGY BRANCH
CARPLTAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	.4	[illegible]	2.5	.1							[illegible]	[illegible]
NNE	.4	.3	.2	.5	.1							[illegible]	5.9
NE	.7	[illegible]	3.3	.9								[illegible]	7.[illegible]
ENE	.7	[illegible]	2.1	1.1	.2							[illegible]	[illegible]
E	1.2	[illegible]	1.7	1.7								[illegible]	7.7
ESE	.7	.3	.3	.4								[illegible]	[illegible]
SE	.1	.1	.5	.7								[illegible]	[illegible]
SSE	.3	.1	.3	.2	.3							[illegible]	[illegible]
S	.2	.2	.5	1.6	.2							[illegible]	[illegible]
SSW	.2	1.1	3.1	2.6	1.3							[illegible]	1.4
SW	.5	2.1	4.7	4.9	1.3							[illegible]	[illegible]
WSW	[illegible]	[illegible]	2.2	[illegible].1	1.1	[illegible]		.2				[illegible]	[illegible].7
W	2.5	3.[illegible]	2.7	2.3	1.[illegible]							[illegible]	[illegible]
WNW	.4	.4	1.4	.5	.2							[illegible]	[illegible].7
NW	[illegible]	.1	.2	.2	.1	.2						.3	11.5
NNW		[illegible]	1.4	1.6	.1							[illegible]	11.[illegible]
VARBL													
CALM												.2	
#	[illegible]	17.2	28.5	25.7	5.9	.3		.2				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] OL A [illegible]

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AT [illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

ALL WEATHER
CLASS [illegible] HOURS - L S T

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.4	2.1	.7							[illegible]	[illegible]
NNE	.4	.	.6	1.7	.1							[illegible]	[illegible]
NE	.2	.7	1.7	.8								[illegible]	[illegible]
ENE	1.1	.7	1.7	1.2	.5							[illegible]	[illegible]
E	.7	.2	1.6	2.1								[illegible]	[illegible]
ESE	.7	.	.7	1.1								[illegible]	7.7
SE	.1	.3	.8	.8								[illegible]	[illegible]
SSE	.1	.4	.1	.4	.1							1.1	.5
S	.7	1.	1.2	1.4	.6	.						[illegible]	[illegible]
SSW	.7	1.3	1.5	2.9	.7	.2						7.[illegible]	[illegible]
SW	1.4	2.3	4.2	4.[illegible]	1.2	.3						15.3	[illegible]
WSW	1.9	5.7	6.9	[illegible]	1.4	.5	.					[illegible]	[illegible]
W	1.2	2.[illegible]	3.7	2.5	.4	.7						11.3	[illegible]
WNW	.7	.7	1.1	.9	.5							3.[illegible]	[illegible]
NW	.4	.7	.7	.2	.1							[illegible]	7.[illegible]
NNW	.4	.2	1.2	2.[illegible]	.1							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	1.	[illegible]	7.1	[illegible]	5.3	1.5	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: GRIFFISS WRIGHT RAF UK YEARS: 77-8[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS LST: [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	.1							[illegible]	[illegible]
E	1.[illegible]	[illegible]	1.4	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	1.2	1.[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	.3	[illegible]	[illegible]	.1						[illegible]	[illegible]
S	[illegible]	[illegible]	1.2	1.5	[illegible]	.4						[illegible]	11.[illegible]
SSW	[illegible]	[illegible]	1.9	2.3	[illegible]	[illegible]	.1					[illegible]	[illegible]
SW	1.4	2.1	[illegible]	[illegible]	[illegible]	[illegible]						17.1	[illegible]
WSW	1.7	4.[illegible]	[illegible]	[illegible]	1.4	[illegible]						[illegible]	[illegible]
W	.3	2.7	2.9	1.1	.4	.1						12.[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	1.2	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	1.1								[illegible]	[illegible]
NNW	[illegible]	[illegible]	1.1	.8	[illegible]	.1						[illegible]	[illegible]
VARBL													
CALM												5.[illegible]	
	20.[illegible]	16.3	17.8	[illegible].2	5.3	2.1	.1					17.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] OL A [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS ALL WEATHER HOURS (LST) [illegible]

CONDITION [illegible]

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: BRIZE NORTON RAF UK YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION: [illegible]

SPEED (KNTS.) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	17.2	[illegible]	[illegible]	4.8	1.5	.2					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] 5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: NORTON AFB [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSE	[illegible]		[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSE	[illegible]		[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
%	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

4 — STATION
[illegible] NORTON AFB CA — STATION NAME
73-[illegible] — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS [illegible]
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

INSTRUMENT
CLASS | HOURS OBS

CEILING TO NOT LESS THAN 1/2 MILE OR MORE
CONDITION

NO/OR VSBY TO NOT LESS THAN 1/2 MILE W/CEIL TO 1 FT OR MORE

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

[illegible] is a cumulative percentage frequency distribution [illegible] 2,000 feet and as a separate table [illegible] greater than 10 miles. Data are [illegible] presented as follows:

1. Annual - all years and all hours combined
2. Monthly - all years and all hours combined
3. By month - by standard [illegible]

[illegible]

[illegible]

[illegible]

[illegible] January [illegible], METAR station reports [illegible] miles and then greater than [illegible] miles. Thus, for METAR stations, the data, by equal to or greater than [illegible] miles is not printed in the tables, unless the summary was for a period ending before January [illegible].

D

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.8%.

EXAMPLE # 3 To obtain combination of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.7	[illegible]	25.3	25.2	[illegible]	26.7	26.7	[illegible]	27.7
[illegible]	[illegible]	24.5	26.1	27.2	[illegible]	[illegible]	29.5	[illegible]	31.1	31.3	31.6	31.7	31.7	31.7	[illegible]	[illegible]
[illegible]	[illegible]	24.5	25.1	27.2	[illegible]	[illegible]	29.5	[illegible]	31.7	31.3	31.5	31.7	31.7	31.7	[illegible]	[illegible]
[illegible]	23.6	24.5	[illegible]	27.4	[illegible]	29.7	29.5	[illegible]	31.4	31.4	31.7	31.8	31.7	31.8	[illegible]	[illegible]
[illegible]	24.1	[illegible]	[illegible]	27.8	[illegible]	29.2	[illegible]	[illegible]	31.9	31.9	32.1	[illegible]	[illegible]	32.2	33.3	[illegible]
[illegible]	24.2	[illegible]	27.5	27.7	29.6	[illegible]	31.2	32.1	33.	33.2	33.5	33.4	33.4	33.4	34.4	[illegible]
[illegible]	25.1	27.2	[illegible]	32.2	31.9	33.1	34.1	35.3	35.	35.2	35.3	[illegible]	[illegible]	35.7	[illegible]	[illegible]
[illegible]	[illegible]	27.2	[illegible]	[illegible]	31.4	32.1	33.4	34.3	35.2	35.2	35.4	35.5	35.5	35.5	35.5	[illegible]
[illegible]	25.2	27.2	[illegible]	[illegible]	31.4	32.1	33.4	34.3	35.2	35.2	35.4	35.5	35.7	35.5	36.5	[illegible]
[illegible]	[illegible]	27.5	27.5	31.1	32.1	32.7	34.1	35.7	35.7	35.9	36.1	36.2	36.2	36.2	36.7	37.2
[illegible]	27.6	27.5	31.5	31.7	32.5	33.5	35.3	35.7	36.3	36.9	37.5	37.1	37.1	37.1	38.1	[illegible]
[illegible]	29.1	[illegible]	32.2	33.6	34.6	35.5	37.1	38.	38.9	38.9	39.2	[illegible]	39.4	39.5	[illegible]	[illegible]
[illegible]	31.1	31.1	33.4	34.8	36.1	36.9	38.7	39.5	41.5	41.5	41.7	[illegible]	41.1	41.2	42.2	[illegible]
[illegible]	31.2	32.5	35.2	36.5	38.1	38.6	40.7	41.7	42.6	42.7	42.9	43.2	43.2	43.5	44.5	[illegible]
[illegible]	31.2	33.7	35.3	36.4	39.6	41.5	42.5	43.4	44.3	44.4	44.6	44.7	44.	45.2	45.2	[illegible]
[illegible]	33.5	37.7	42.6	43.7	44.9	45.6	47.6	48.5	49.4	49.5	49.7	49.8	[illegible]	51.7	51.3	[illegible]
37.6	39.4	41.5	44.6	47.2	49.7	50.5	52.4	53.5	54.4	54.5	54.7	54.8	55.7	55.4	55.4	[illegible]
39.5	43.2	45.6	49.7	50.7	55.6	56.8	59.1	61.5	61.4	61.5	61.7	61.9	62.2	62.4	63.5	[illegible]
[illegible]	44.3	49.7	53.9	54.7	57.1	58.7	61.1	62.5	63.5	63.5	63.6	63.9	64.2	64.5	65.5	[illegible]
41.2	45.	49.5	57.9	56.1	59.1	61.5	63.7	65.3	65.2	66.3	66.5	66.6	67.	67.2	66.2	[illegible]
43.7	51.	53.5	59.2	62.4	65.7	67.4	70.5	72.1	73.1	73.2	73.4	73.6	73.9	74.1	75.1	[illegible]
54.5	52.7	55.7	61.4	65.7	68.3	71.2	72.9	74.3	75.3	76.	76.3	76.4	76.7	77.7	75.1	[illegible]
[illegible]	53.7	56.9	61.5	66.4	69.7	71.4	74.3	75.7	77.3	77.5	77.5	77.9	78.2	75.4	74.5	[illegible]
[illegible]	54.1	57.4	63.6	67.5	70.9	72.5	75.9	77.9	79.2	79.2	79.5	79.5	80.1	80.2	81.3	[illegible]
[illegible]	54.5	58.2	64.6	68.7	72.5	74.2	77.5	79.5	81.7	81.9	81.2	81.3	81.7	82.7	83.	[illegible]
57.3	55.3	59.9	65.7	70.6	74.6	76.4	80.2	82.3	83.7	83.9	84.1	84.2	84.7	84.9	85.9	[illegible]
57.3	55.4	59.	65.9	71.3	75.3	77.1	81.2	83.4	84.5	85.2	85.2	85.4	85.9	86.7	87.1	[illegible]
[illegible]	55.4	59.9	66.4	71.9	77.2	79.1	83.5	85.7	87.6	87.9	88.1	88.2	88.6	88.9	89.2	[illegible]
58.3	55.5	59.1	66.6	72.2	77.5	81.1	85.3	87.6	89.7	91.1	91.4	91.5	91.9	91.1	92.2	[illegible]
[illegible]	55.6	59.3	66.7	72.3	77.6	81.2	85.6	88.3	91.3	91.5	91.7	91.8	92.4	92.6	93.6	[illegible]
[illegible]	55.6	59.3	66.7	72.3	77.6	81.2	85.7	88.4	91.1	92.7	92.5	[illegible]	93.4	93.9	94.3	[illegible]
[illegible]	55.6	59.3	66.7	72.3	77.6	81.2	85.8	88.5	91.3	92.4	92.8	93.3	94.3	95.3	[illegible]	[illegible]

[illegible] NUMBER OF OBSERVATION _____ 26

2

CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

[illegible] NGTON RAF [illegible] 73-[illegible] JAN

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	21.7	[illegible]	23.0	24.3	24.6	25.7	[illegible]	27.	27.1	27.4	27.4	[illegible]	[illegible]	[illegible]
[illegible]	24.3	[illegible]	27.4	28.2	29.3	29.5	30.7	31.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33.4
[illegible]	24.3	[illegible]	27.4	[illegible]	29.3	29.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	24.3	[illegible]	27.4	[illegible]	[illegible]	29.7	30.5	[illegible]	[illegible]	[illegible]	32.7	[illegible]	33.4	[illegible]	[illegible]
[illegible]	24.7	[illegible]	27.9	[illegible]	[illegible]	[illegible]	31.3	31.	[illegible]	[illegible]	33.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	25.7	[illegible]	[illegible]	[illegible]	31.	31.3	32.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35.	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	31.7	[illegible]	33.7	[illegible]	35.4	[illegible]	[illegible]	[illegible]	37.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.1	35.5	[illegible]	37.	[illegible]	37.4	37.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	31.1	[illegible]	33.6	34.7	[illegible]	36.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36.1	[illegible]	[illegible]	[illegible]	[illegible]	39.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	31.3	[illegible]	[illegible]	[illegible]	37.6	38.4	[illegible]	[illegible]	41.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.4	[illegible]	37.1	[illegible]	[illegible]	40.7	[illegible]	[illegible]	[illegible]	[illegible]	43.1	[illegible]	44.1	44.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42.7	43.4	44.5	44.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	33.4	[illegible]	[illegible]	[illegible]	[illegible]	41.7	43.1	43.7	[illegible]	44.9	[illegible]	[illegible]	[illegible]	[illegible]	46.7
34.7	37.4	[illegible]	42.6	43.8	[illegible]	[illegible]	[illegible]	[illegible]	49.9	[illegible]	51.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	39.1	[illegible]	44.5	[illegible]	47.7	[illegible]	51.1	[illegible]	[illegible]	[illegible]	53.7	[illegible]	55.	[illegible]	[illegible]
[illegible]	43.3	47.1	[illegible]	51.5	[illegible]	54.2	56.5	57.1	58.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	51.9	53.9	55.3	[illegible]	59.1	[illegible]	61.5	[illegible]	61.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	52.3	55.3	[illegible]	[illegible]	[illegible]	62.9	63.7	65.4	[illegible]	65.9	[illegible]	67.1	67.1	67.3
[illegible]	[illegible]	58.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.2	73.4	73.7	73.9	74.9	[illegible]	[illegible]
[illegible]	55.5	60.7	[illegible]	67.5	69.5	71.2	74.3	75.4	77.1	[illegible]	77.6	77.8	[illegible]	[illegible]	79.
[illegible]	[illegible]	[illegible]	[illegible]	68.5	[illegible]	72.3	75.4	76.5	76.3	78.5	78.8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.3	[illegible]	[illegible]	69.8	[illegible]	73.6	77.2	78.3	80.2	80.3	80.6	80.8	81.9	81.9	[illegible]
[illegible]	57.8	63.4	66.4	71.1	73.4	75.4	[illegible]	80.3	[illegible]	82.3	82.7	82.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	69.4	72.1	74.4	76.4	80.0	[illegible]	83.3	83.4	83.8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	58.6	64.4	[illegible]	73.1	75.5	77.8	81.5	82.9	84.9	85.0	85.4	85.6	86.6	86.6	86.3
[illegible]	58.3	64.5	70.3	73.8	76.4	79.1	83.8	85.1	87.2	87.3	87.6	87.9	88.9	88.9	89.1
[illegible]	[illegible]	64.5	70.3	74.3	77.0	79.9	85.4	86.7	89.3	89.5	89.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	64.5	70.3	74.4	77.1	80.2	85.3	87.3	90.1	90.4	90.7	90.9	92.0	[illegible]	92.2
[illegible]	58.8	64.5	70.3	74.4	77.1	80.2	85.9	87.6	90.3	91.3	91.6	91.8	[illegible]	[illegible]	94.4
[illegible]	58.8	[illegible]	70.3	74.4	77.1	80.2	85.9	87.6	91.0	91.8	92.3	92.9	95.1	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

CEILING VERSUS VISIBILITY

[illegible]	16.5	17.7	[illegible]	21.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	23.5	24.3	25.6	26.7	26.8	27.2	27.[illegible]	[illegible]	28.4	29.5	[illegible]	[illegible]	29.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	24.7	25.2	27.1	27.2	27.5	[illegible]	[illegible]	26.3	28.3	29.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	24.7	26.2	27.1	27.2	27.5	[illegible]	[illegible]	28.3	28.4	29.	[illegible]	[illegible]	[illegible]	29.3	29.6	[illegible]	[illegible]	[illegible]
[illegible]	24.5	25.4	27.2	27.9	28.[illegible]	28.3	29.[illegible]	[illegible]	29.4	29.6	29.7	29.[illegible]	[illegible]	30.1	30.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	26.6	28.2	29.1	29.2	29.6	[illegible]	[illegible]	31.[illegible]	31.1	31.3	31.3	31.3	31.5	31.8	32.4	[illegible]	[illegible]	[illegible]
[illegible]	27.1	27.9	29.6	30.5	30.6	30.9	31.[illegible]	32.[illegible]	32.7	32.9	33.[illegible]	33.1	33.4	33.6	34.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	27.7	28.5	30.2	31.1	31.5	31.6	32.6	33.[illegible]	33.4	33.[illegible]	33.6	33.7	34.1	34.7	34.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	29.9	30.7	31.6	31.7	32.[illegible]	33.1	33.[illegible]	33.9	34.	34.1	34.2	34.5	34.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	29.4	29.3	31.1	32.0	32.2	32.5	33.[illegible]	34.1	34.3	34.4	34.5	34.7	35.[illegible]	35.2	35.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	29.4	31.6	32.4	33.6	33.7	34.1	35.2	35.[illegible]	36.0	36.4	36.5	36.6	36.9	37.1	37.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	30.7	31.9	33.7	35.[illegible]	35.3	35.6	37.1	37.4	38.1	38.4	38.6	38.7	39.1	39.3	39.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	32.4	33.6	35.4	36.7	37.0	37.6	38.[illegible]	39.5	39.8	40.1	40.5	40.6	41.1	41.7	41.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	33.2	34.4	36.2	37.5	37.8	38.4	39.[illegible]	40.7	40.9	41.2	41.4	41.[illegible]	42.2	42.5	43.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	35.3	36.6	38.4	39.6	4[illegible]	40.3	42.	42.[illegible]	43.1	43.5	43.7	44.2	44.5	44.7	45.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	37.2	40.9	42.[illegible]	44.3	44.6	45.4	47.1	48.5	49.7	49.	49.3	49.7	50.1	50.7	50.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	41.4	43.4	46.1	47.5	48.1	48.8	50.[illegible]	52.5	52.2	52.5	52.8	53.2	53.5	53.8	54.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	46.4	48.[illegible]	51.4	53.1	53.[illegible]	54.5	55.3	57.3	55.1	58.4	58.7	59.1	59.5	59.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	48.5	51.2	53.6	55.4	56.1	56.7	58.6	[illegible]	61.5	61.[illegible]	61.5	61.[illegible]	62.1	62.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	51.1	53.[illegible]	56.9	58.7	59.6	60.4	62.5	64.7	64.7	65.0	65.2	65.7	66.[illegible]	66.7	66.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	55.7	57.1	62.5	64.9	65.7	66.9	69.2	71.	71.3	71.7	71.9	72.4	72.7	72.9	73.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.9	61.3	65.0	67.5	68.5	69.8	72.1	74.	74.3	74.6	74.9	75.3	75.7	75.9	76.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	58.7	62.9	66.3	68.5	69.5	70.8	73.3	75.1	75.4	75.8	76.1	76.6	76.9	77.1	77.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	59.9	62.7	66.9	69.6	70.7	71.9	74.5	76.3	76.7	77.0	77.3	77.8	78.1	79.4	79.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	59.1	63.2	67.5	70.4	71.5	72.8	75.7	77.5	77.8	78.1	78.5	79.[illegible]	79.4	79.6	80.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	59.5	63.8	68.4	71.6	72.7	74.2	77.0	78.8	79.5	80.0	80.3	80.9	81.2	81.4	82.	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	61.4	64.7	69.9	73.5	75.1	76.6	79.8	81.4	82.7	83.1	83.5	84.0	84.4	84.5	85.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	63.5	64.8	70.3	74.2	75.9	77.7	81.4	83.5	84.5	85.1	85.4	86.0	86.3	86.5	87.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	63.6	65.7	70.6	74.4	76.2	78.5	82.6	85.1	85.2	86.7	87.1	87.7	88.[illegible]	88.2	88.8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	63.7	67.3	70.9	74.7	76.5	78.9	84.[illegible]	86.7	88.3	89.1	89.6	90.3	90.6	91.1	91.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	63.7	65.2	70.9	74.7	76.6	78.9	84.4	87.3	89.[illegible]	90.0	9[illegible].7	91.6	92.[illegible]	93.0	94.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	63.7	65.2	70.9	74.7	76.6	78.9	84.4	87.3	89.2	91.4	91.3	93.0	93.6	95.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 693

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CEILING VERSUS VISIBILITY

[illegible]	[illegible]	14.[illegible]	[illegible]	15.[illegible]	[illegible]	[illegible]	17.4	[illegible]	13.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	23.4	[illegible]	[illegible]	27.2	27.4	[illegible]	29.7	[illegible]	[illegible]	[illegible]	30.4	30.4	30.4	[illegible]	[illegible]	30.7
[illegible]	[illegible]	24.1	[illegible]	27.2	27.8	[illegible]	29.4	[illegible]	[illegible]	31.[illegible]	31.[illegible]	31.[illegible]	31.[illegible]	[illegible]	[illegible]	[illegible]	31.3
[illegible]	[illegible]	24.1	[illegible]	27.2	27.8	[illegible]	29.4	30.7	30.[illegible]	31.[illegible]	31.[illegible]	31.[illegible]	31.[illegible]	[illegible]	31.[illegible]	[illegible]	31.3
[illegible]	[illegible]	25.1	27.1	[illegible]	28.8	[illegible]	[illegible]	31.7	31.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32.3
[illegible]	[illegible]	26.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33.5	33.4	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.4
[illegible]	[illegible]	27.4	30.6	32.1	32.[illegible]	33.3	34.[illegible]	[illegible]	[illegible]	[illegible]	36.2	36.2	36.2	36.2	36.2	36.2	36.5
[illegible]	27.8	29.4	31.[illegible]	33.2	33.7	37.9	35.8	36.7	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.7
[illegible]	[illegible]	29.6	32.[illegible]	33.3	33.[illegible]	34.2	36.[illegible]	36.[illegible]	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	[illegible]
[illegible]	[illegible]	30.6	32.[illegible]	33.4	34.1	34.3	36.1	37.[illegible]	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	38.1
[illegible]	[illegible]	31.[illegible]	33.3	34.5	35.2	35.4	37.3	38.[illegible]	38.[illegible]	39.9	39.9	39.9	39.9	39.9	39.9	39.9	[illegible]
[illegible]	[illegible]	37.6	38.3	35.7	37.6	37.9	39.7	41.7	41.5	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.1	42.1	42.1	42.4
[illegible]	[illegible]	34.[illegible]	37.4	37.[illegible]	40.3	40.3	42.1	43.[illegible]	44.3	44.7	44.7	44.7	44.7	44.9	44.9	44.9	45.[illegible]
[illegible]	[illegible]	36.[illegible]	38.9	[illegible]	41.6	41.7	43.7	45.[illegible]	45.3	46.4	46.4	46.4	46.4	46.6	46.6	46.6	45.9
[illegible]	34.6	36.7	39.6	41.2	41.2	47.4	44.4	45.6	46.4	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.6
[illegible]	[illegible]	43.5	43.7	45.3	46.3	46.6	48.3	49.[illegible]	51.7	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.9
[illegible]	41.7	44.[illegible]	47.2	49.2	[illegible]	52.2	52.4	53.[illegible]	54.3	55.5	55.6	55.6	55.6	55.7	55.7	55.7	[illegible]
33.3	46.4	49.[illegible]	52.4	54.1	55.3	55.7	58.[illegible]	59.[illegible]	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	62.2
34.1	45.6	51.1	54.5	56.9	55.1	55.6	63.9	62.4	63.5	64.6	64.6	64.6	64.6	64.7	64.7	64.7	65.[illegible]
[illegible]	[illegible]	53.7	57.8	[illegible]	61.2	61.7	64.3	65.7	66.9	67.9	67.9	67.9	67.9	68.[illegible]	68.[illegible]	68.[illegible]	[illegible]
[illegible]	56.[illegible]	59.3	64.3	66.7	68.1	69.3	72.[illegible]	73.[illegible]	75.[illegible]	76.[illegible]	76.[illegible]	76.3	76.1	76.1	76.1	76.1	76.5
37.5	57.7	61.[illegible]	66.6	69.2	70.5	71.7	74.4	75.[illegible]	77.4	78.4	75.4	75.4	75.4	75.6	75.6	75.6	75.9
37.7	58.4	67.3	67.5	70.1	71.4	72.7	75.5	77.3	75.4	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.9
38.1	59.9	64.2	69.6	72.1	73.5	74.8	77.9	79.7	81.3	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.3
[illegible]	60.1	64.4	70.0	72.7	74.2	75.7	78.9	[illegible]	82.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.6
[illegible]	60.4	64.9	70.5	73.6	75.1	76.6	80.2	82.1	83.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	[illegible]
38.1	61.9	65.4	71.3	74.5	76.3	77.9	81.4	83.4	84.7	85.5	85.8	85.8	85.8	85.9	85.9	85.9	86.7
38.1	61.2	65.7	72.0	75.5	77.6	79.2	83.[illegible]	85.1	86.5	87.5	87.5	87.5	87.5	87.7	87.7	87.7	88.1
38.1	61.2	65.7	72.0	75.9	77.8	79.6	83.8	86.[illegible]	88.3	89.[illegible]	89.1	89.1	89.1	89.4	89.4	89.4	89.6
38.1	61.2	65.7	72.0	75.9	77.8	79.6	83.9	86.[illegible]	89.2	90.9	91.1	91.2	91.5	91.5	91.5	91.5	92.5
38.1	61.2	65.7	72.0	75.9	77.8	79.6	83.9	87.[illegible]	90.1	92.9	93.[illegible]	93.3	94.[illegible]	94.3	94.3	94.3	96.4
38.1	61.2	65.7	72.0	75.9	77.8	79.6	83.9	87.[illegible]	90.3	93.[illegible]	93.2	93.7	94.5	95.21	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 57[illegible]

2

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STEED NORTON AFB [illegible] 73-[illegible] JAN [illegible]

[illegible]

1[illegible].2	1[illegible].9	1[illegible].6	17.7	1[illegible].1	1[illegible].3	1[illegible].3	1[illegible].6	1[illegible].6	1[illegible].6	18.9	19.[illegible]	19.[illegible]	19.[illegible]	19.[illegible]	1[illegible].
[illegible].1	[illegible].9	27.7	29.1	29.5	[illegible]	30.[illegible]	31.1	31.1	31.1	31.4	31.5	31.5	31.5	31.5	31.5
[illegible].1	[illegible].0	[illegible]	[illegible].3	29.9	30.5	30.7	31.4	31.4	31.4	31.6	31.7	31.7	31.7	31.7	31.7
[illegible].1	[illegible]	[illegible]	[illegible].3	[illegible].9	30.5	30.7	31.4	31.4	31.4	31.6	31.7	31.7	31.7	31.7	31.7
[illegible].4	[illegible]	28.8	[illegible].1	[illegible].5	31.5	31.5	32.2	32.2	32.2	32.4	32.5	32.5	32.5	32.5	32.5
[illegible].5	27.8	30.0	31.4	31.9	32.5	32.5	33.5	33.5	33.5	33.9	33.9	33.9	33.9	33.9	33.9
22.8	[illegible].7	[illegible]	34.2	35.0	35.7	36.0	36.7	36.7	36.7	36.9	37.[illegible]	37.[illegible]	37.[illegible]	37.[illegible]	37.[illegible]
[illegible]	31.4	33.8	34.9	35.7	36.4	36.7	37.4	37.4	37.4	37.6	37.7	37.7	37.7	37.7	37.7
[illegible].4	31.5	33.8	35.1	35.9	36.6	36.9	37.5	37.6	37.6	37.8	38.[illegible]	38.[illegible]	38.[illegible]	38.[illegible]	38.[illegible]
[illegible].4	31.7	33.9	35.6	36.4	37.0	37.4	38.1	38.1	38.1	38.7	38.4	38.4	38.4	38.4	38.4
[illegible]	[illegible]	34.2	35.9	36.7	37.4	37.7	38.6	38.6	38.6	39.9	39.[illegible]	39.[illegible]	39.[illegible]	39.[illegible]	39.[illegible]
24.9	35.8	35.9	37.7	38.6	39.4	39.9	41.[illegible]	41.1	41.1	41.4	41.5	41.5	41.5	41.[illegible]	41.5
[illegible]	36.0	38.2	40.0	41.4	42.5	43.0	44.1	44.2	44.2	44.4	44.5	44.5	44.5	44.5	44.5
2[illegible]	36.1	4[illegible].2	42.3	43.6	44.8	45.5	46.9	47.0	47.0	47.3	47.4	47.4	47.4	47.4	47.4
29.[illegible]	39.5	41.7	43.8	45.1	46.3	46.9	48.4	48.[illegible]	48.6	49.9	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]
31.4	42.6	44.9	47.2	49.5	49.5	50.6	52.0	52.3	52.3	52.5	52.6	52.6	52.6	52.6	[illegible]
33.6	46.1	48.5	51.0	52.4	53.6	54.5	56.0	56.4	56.4	56.6	56.7	56.7	56.7	56.7	56.7
37.6	52.4	54.6	57.6	59.2	60.7	61.6	63.1	63.5	63.5	63.8	63.9	63.9	63.[illegible]	63.9	63.9
39.[illegible]	54.3	56.8	59.8	61.5	63.1	64.1	65.6	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.5
41.7	57.3	59.9	63.1	64.8	66.4	67.4	68.9	69.4	69.4	69.7	69.8	69.8	69.8	69.8	69.8
43.2	62.2	65.5	69.8	71.6	73.5	74.9	76.4	76.9	76.9	77.2	77.3	77.3	77.3	77.3	77.4
44.2	64.4	67.7	72.4	74.4	76.8	78.2	79.8	80.3	80.3	8[illegible].7	8[illegible].8	8[illegible].8	80.8	8[illegible].8	[illegible]
44.3	65.5	69.9	73.5	75.8	78.3	79.7	81.3	81.9	81.9	82.3	82.4	82.4	82.4	82.4	82.5
44.3	66.6	7[illegible].5	75.2	77.6	8[illegible].1	81.6	83.2	83.9	83.9	84.2	84.3	84.3	84.3	84.3	84.4
44.3	67.2	71.1	76.1	78.5	81.[illegible]	82.5	84.1	84.8	84.9	85.7	85.9	85.5	85.5	85.5	85.5
44.3	67.4	71.4	76.4	79.2	81.9	83.4	85.3	86.1	86.3	86.9	87.[illegible]	87.0	87.[illegible]	87.[illegible]	87.[illegible]
44.3	67.5	71.8	77.0	80.0	83.1	84.5	86.8	87.7	88.4	89.1	89.2	89.2	89.2	89.2	89.[illegible]
44.3	67.5	71.8	77.0	8[illegible].8	84.1	85.7	88.3	89.3	9[illegible].3	91.[illegible]	91.3	91.3	91.3	91.3	91.4
44.3	67.[illegible]	71.8	77.2	81.0	84.4	86.5	89.5	90.8	92.3	93.[illegible]	93.3	93.4	93.4	93.4	93.5
44.3	67.5	71.8	77.2	81.0	84.4	86.5	89.5	91.5	93.6	94.4	95.0	95.1	95.3	95.3	95.5
44.3	67.5	71.8	77.2	81.0	84.4	86.5	89.5	91.6	94.[illegible]	95.1	95.9	96.3	97.2	97.3	98.5
44.3	67.5	71.8	77.2	81.0	84.4	86.5	89.5	91.6	94.1	95.2	96.1	96.5	97.7	97.8	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 98[illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20.4	20.7	[illegible]	21.3	21.2	21.3	21.3	21.3	21.3	21.4
[illegible]	27.5	31.5	31.7	32.4	33.[illegible]	33.4	34.1	34.[illegible]	34.6	34.3	34.6	34.9	34.9	34.9	34.9	35.[illegible]	
[illegible]	27.7	30.4	32.1	32.8	33.3	33.6	34.0	34.[illegible]	35.[illegible]	35.3	35.3	35.4	35.4	35.4	35.4	35.5	
[illegible]	[illegible]	31.[illegible]	[illegible]	32.7	33.4	33.[illegible]	34.7	35.[illegible]	35.1	35.4	35.4	35.5	35.5	35.5	35.5	35.6	
[illegible]	30.6	31.4	33.1	33.9	34.4	34.9	35.6	35.9	36.1	36.3	36.3	36.4	36.4	36.4	36.4	36.5	
23.[illegible]	31.6	33.5	34.4	[illegible]	35.7	36.2	37.0	37.3	37.4	37.6	37.6	37.8	37.8	37.8	37.8	37.9	
[illegible]	34.4	35.[illegible]	37.5	[illegible]	38.9	39.3	40.2	40.[illegible]	40.7	40.9	4[illegible]	41.[illegible]	41.[illegible]	41.[illegible]	41.[illegible]	41.2	
[illegible]	36.1	38.[illegible]	38.3	39.2	39.6	[illegible]	41.2	41.5	41.6	41.8	41.[illegible]	42.0	42.[illegible]	42.[illegible]	42.[illegible]	42.1	
[illegible]	36.3	38.7	38.4	3[illegible].3	39.[illegible]	4[illegible]	41.3	41.5	41.7	42.[illegible]	42.[illegible]	42.1	42.[illegible]	42.1	42.1	42.2	
[illegible]	36.4	39.[illegible]	38.7	39.8	40.4	4[illegible].8	41.7	42.1	42.2	42.4	42.4	42.5	42.5	42.5	42.5	42.6	
[illegible]	36.8	37.2	39.5	4[illegible].4	4[illegible]	41.4	42.4	42.7	42.9	43.1	43.1	43.2	43.2	43.2	43.2	43.3	
[illegible]	37.4	39.1	41.6	4[illegible].9	4[illegible]	44.[illegible]	45.0	45.4	45.5	45.7	45.7	45.8	45.8	45.8	45.8	45.9	
[illegible]	38.2	40.0	42.6	43.9	44.4	45.1	46.3	46.4	46.8	47.1	47.1	47.2	47.2	47.2	47.2	47.3	
[illegible]	39.5	41.4	44.[illegible]	45.2	46.3	46.5	47.7	48.1	48.3	48.5	48.5	48.6	48.6	48.6	48.6	48.8	
[illegible]	41.0	43.[illegible]	45.6	46.9	47.6	48.3	49.5	50.[illegible]	50.2	50.6	5[illegible].6	50.7	50.7	50.7	50.7	50.9	
32.8	43.4	47.3	50.0	51.6	52.3	53.1	54.6	55.[illegible]	55.6	55.9	55.9	55.[illegible]	55.[illegible]	55.[illegible]	56.[illegible]	56.1	
35.1	49.5	51.[illegible]	54.6	54.2	57.0	57.9	58.5	60.[illegible]	60.7	61.0	61.0	61.2	61.2	61.2	61.2	41.3	
37.[illegible]	55.1	57.9	61.1	62.9	63.7	64.6	66.4	67.[illegible]	67.5	67.9	67.9	68.1	68.1	68.1	68.1	68.3	
38.9	56.1	59.[illegible]	62.6	64.5	66.3	66.3	68.1	69.[illegible]	69.3	69.7	69.7	70.[illegible]	70.0	70.[illegible]	70.[illegible]	70.1	
4[illegible].1	58.3	61.8	65.4	67.[illegible]	68.1	69.4	71.4	72.1	72.5	73.0	73.1	73.4	73.5	73.6	73.7		
4[illegible].1	64.1	67.7	72.0	74.0	74.8	76.2	78.5	79.1	79.6	80.2	80.3	80.5	80.6	80.7	80.8		
42.6	65.6	69.7	74.4	76.4	77.3	78.8	81.1	81.7	82.2	82.6	82.9	83.1	83.2	83.3	83.4		
42.7	65.9	7[illegible]	74.6	76.6	77.6	79.0	81.4	82.1	82.5	83.1	83.2	83.4	83.6	83.7	83.8		
42.9	66.1	7[illegible].3	75.2	77.4	78.7	8[illegible].3	83.0	83.7	84.1	84.7	84.8	85.0	85.1	85.3	85.4		
42.9	66.2	73.5	75.5	78.0	79.3	80.8	83.7	84.5	85.1	85.7	85.8	86.1	86.3	86.4	86.5		
42.9	66.3	73.7	76.1	78.8	80.2	82.1	85.1	85.2	87.2	87.8	87.9	88.1	88.3	88.4	88.5		
42.9	66.4	71.1	76.5	79.7	81.2	83.2	86.6	87.8	89.0	89.6	89.7	89.9	90.1	90.2	90.4		
42.9	66.8	71.5	77.1	81.0	82.3	84.9	88.8	89.9	91.5	92.2	92.3	92.5	92.7	92.9	93.[illegible]		
42.9	66.9	71.4	77.4	81.4	83.3	85.6	90.1	91.4	93.3	94.1	94.2	94.4	94.7	94.8	94.9		
42.9	66.8	71.4	77.4	81.7	83.8	86.2	90.5	92.9	95.2	96.3	96.4	96.6	96.8	96.9	97.2		
42.9	66.9	71.8	77.4	81.7	83.8	86.2	90.8	93.[illegible]	95.4	96.6	96.8	97.1	97.4	97.5	98.4		
42.9	66.9	71.4	77.4	81.7	83.8	86.2	90.8	93.0	95.6	96.8	97.1	97.3	97.8	98.[illegible]	98.[illegible]		

TOTAL NUMBER OF OBSERVATIONS 982

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] 73-[illegible] JAN

[illegible]	31.3	[illegible]	[illegible]	[illegible]	[illegible]	26.6	28.2	28.4	28.5	28.3	29.2	[illegible]	29.7	29.7	[illegible]								
31.3	27.2	29.7	29.4	31.4	32.1	32.9	34.8	35.2	35.9	36.2	36.4	36.9	36.[illegible]	36.9	37.4								
31.5	27.6	29.7	29.9	31.5	32.0	33.4	35.3	35.6	36.1	36.6	36.9	37.3	37.3	37.3	37.5								
31.5	27.6	29.7	29.9	31.5	32.0	33.4	35.3	35.6	36.3	36.6	36.9	37.3	37.3	37.3	37.5								
31.9	28.1	29.2	30.3	31.9	32.0	33.9	35.7	36.1	36.9	37.1	37.3	37.8	37.8	37.9	38.3								
32.4	29.9	31.7	31.1	32.7	33.6	34.6	36.6	37.1	37.6	38.1	38.3	38.9	38.8	38.6	39.3								
34.1	31.1	32.5	33.7	35.5	36.8	37.5	39.7	40.[illegible]	40.7	41.[illegible]	41.3	41.7	41.7	41.7	42.3								
34.9	31.6	32.9	34.3	35.2	37.4	38.2	40.4	40.7	41.4	41.7	41.9	42.4	42.4	42.4	43.0								
34.[illegible]	31.5	32.9	34.3	35.2	37.4	38.2	40.5	40.9	41.5	41.8	42.1	42.5	42.5	42.5	43.1								
34.7	31.7	33.0	34.5	36.4	37.7	38.4	40.7	41.0	41.7	42.1	42.3	42.7	42.7	42.7	43.3								
[illegible]	32.3	34.2	35.6	37.7	39.0	39.9	42.3	42.6	43.3	43.6	43.9	44.3	44.3	44.7	44.9								
35.7	34.0	35.6	37.4	39.6	41.[illegible]	41.9	44.3	44.6	45.3	45.7	45.9	46.3	46.3	46.3	46.9								
36.3	34.9	36.5	38.6	40.8	42.3	43.2	45.5	45.9	46.5	46.9	47.1	47.6	47.6	47.6	48.1								
37.2	36.2	37.9	40.0	42.4	44.0	44.9	47.2	47.5	48.3	48.6	48.6	49.3	49.3	49.3	49.5								
37.9	37.4	39.3	41.0	44.1	45.7	46.6	48.9	49.3	49.9	50.4	51.6	51.1	51.1	51.1	51.6								
39.7	40.6	42.7	45.4	48.5	50.4	51.4	53.9	54.3	55.1	55.6	55.9	56.3	56.4	56.4	56.9								
42.2	44.5	47.1	51.2	53.4	55.7	56.8	59.4	59.9	60.3	61.2	61.4	61.9	62.0	62.[illegible]	62.6								
34.3	49.6	52.2	55.6	59.1	61.6	62.9	65.8	66.3	67.2	67.6	67.9	68.3	68.4	68.4	69.0								
34.7	51.1	53.8	57.2	60.8	63.2	64.6	67.5	68.[illegible]	68.9	69.3	69.6	70.[illegible]	70.1	70.1	70.7								
35.1	53.2	56.3	59.8	63.5	66.2	67.8	70.9	71.4	72.3	72.7	72.9	73.4	73.5	73.5	74.1								
37.6	57.2	61.7	64.5	68.4	71.3	72.8	76.0	76.4	77.6	78.2	78.6	79.0	79.3	79.3	79.8								
38.4	58.9	62.5	66.7	70.8	73.6	75.4	78.8	79.3	80.4	81.1	81.4	81.8	82.1	82.1	[illegible]								
38.7	59.5	63.2	67.6	71.7	74.6	76.6	79.9	80.4	81.6	82.3	82.6	83.1	83.3	83.3	83.9								
[illegible]	60.[illegible]	63.9	68.7	72.7	75.6	77.6	81.3	81.7	83.0	83.7	84.1	84.6	84.8	84.8	85.3								
39.1	60.3	64.0	68.8	72.9	76.1	78.1	82.2	82.8	84.0	84.7	85.1	85.6	85.8	85.8	86.4								
39.1	60.7	64.6	69.6	73.8	77.2	79.3	84.0	84.6	85.8	86.5	86.9	87.4	87.6	87.6	88.2								
39.1	6[illegible].5	64.7	70.0	74.5	78.2	80.4	85.3	85.9	87.3	87.9	88.4	89.0	89.3	89.3	89.9								
39.1	60.8	64.7	70.5	75.3	79.0	81.5	86.7	87.4	88.8	89.5	90.0	90.5	90.9	90.9	91.4								
39.1	60.9	64.9	70.7	75.8	79.5	82.3	87.9	89.0	90.5	91.4	91.9	92.6	92.9	92.9	93.6								
39.1	60.9	64.9	70.7	75.9	80.0	82.6	89.1	90.4	92.6	93.3	93.8	94.5	94.9	94.9	95.6								
39.1	60.9	64.9	70.7	75.9	80.0	82.6	89.3	90.6	93.5	94.5	94.9	95.6	96.2	96.2	97.3								
39.1	60.9	64.9	70.7	75.9	80.0	82.6	89.3	90.6	93.8	95.3	95.7	95.4	97.1	97.2	100.								

TOTAL NUMBER OF OBSERVATIONS 987

CEILING VERSUS VISIBILITY

[illegible] NORTON AFB [illegible] 73-82 [illegible]

[illegible]

[illegible]	[illegible]	22.5	25.1	26.2	26.7	27.2	27.2	25.[illegible]	29.4	30.2	30.1	30.3	[illegible]	31.2	31.[illegible]
[illegible]	25.5	27.7	29.3	31.6	31.5	32.1	33.1	33.[illegible]	34.4	34.9	35.1	35.3	35.7	35.7	36.[illegible]
25.4	25.7	27.9	29.4	32.7	31.9	32.2	33.3	33.7	34.5	35.1	35.2	35.4	36.[illegible]	36.7	37.[illegible]
[illegible]	25.7	27.5	29.4	32.7	7[illegible].7	32.2	33.3	33.7	34.5	35.1	35.2	35.4	36.[illegible]	36.7	37.[illegible]
[illegible]	25.7	27.4	29.4	31.7	31.9	32.2	33.3	33.7	34.5	35.1	35.2	35.4	36.[illegible]	36.7	37.[illegible]
[illegible]	[illegible]	2[illegible].6	30.2	31.5	32.7	[illegible]	34.[illegible]	34.[illegible]	35.6	36.[illegible]	35.3	36.5	37.1	37.4	3[illegible].1
[illegible]	27.7	29.9	31.5	32.7	32.9	34.4	35.6	36.[illegible]	37.[illegible]	37.5	37.7	37.9	38.4	38.[illegible]	39.[illegible]
[illegible]	[illegible]	3[illegible].2	31.9	33.1	34.4	34.9	36.1	36.5	37.4	37.[illegible]	38.1	38.3	38.9	39.[illegible]	39.9
[illegible]	[illegible].4	30.6	32.2	33.5	34.7	35.2	36.4	37.[illegible]	37.5	38.[illegible]	38.4	38.7	39.[illegible]	39.6	40.2
[illegible]	[illegible].9	31.7	33.7	33.9	35.2	35.6	36.9	37.4	38.2	38.8	38.9	39.1	39.7	[illegible]	[illegible].7
[illegible]	29.2	31.3	33.1	34.4	35.7	36.2	37.7	37.[illegible]	38.[illegible]	39.5	39.7	39.9	40.5	40.8	41.5
[illegible]	[illegible].7	34.5	37.1	38.3	39.7	40.1	41.6	42.9	43.3	43.5	43.6	43.9	44.4	44.3	45.4
[illegible]	33.5	36.9	39.[illegible]	39.3	40.7	41.1	42.6	43.3	44.1	44.5	44.6	45.[illegible]	45.5	45.9	46.[illegible]
[illegible]	34.2	36.6	39.[illegible]	40.5	41.8	42.3	43.7	44.4	45.3	45.9	45.[illegible]	46.2	46.[illegible]	47.1	47.6
[illegible]	34.5	37.5	39.9	41.5	42.6	43.3	44.5	45.4	46.4	47.[illegible]	47.1	47.4	47.[illegible]	47.7	48.9
37.4	37.2	40.1	42.[illegible]	45.3	47.4	48.[illegible]	49.6	50.4	51.4	52.7	52.1	52.3	52.9	53.2	53.9
37.7	40.6	42.5	47.1	49.3	51.6	52.5	54.3	55.1	56.1	56.7	56.8	57.3	57.6	57.9	58.5
41.[illegible]	44.5	47.1	52.6	55.9	57.8	59.7	61.1	61.[illegible]	63.[illegible]	63.5	63.7	63.9	64.5	64.9	65.5
[illegible]	46.7	51.3	55.0	59.5	60.[illegible]	62.1	64.3	65.1	66.3	66.9	67.[illegible]	67.2	67.8	68.1	68.9
41.7	48.6	57.[illegible]	57.3	61.9	63.2	65.2	67.4	68.[illegible]	69.6	70.1	70.2	70.5	71.[illegible]	71.4	72.[illegible]
[illegible].1	54.3	5[illegible].2	63.6	67.2	69.7	71.7	74.2	75.1	76.4	77.9	77.1	77.3	77.9	78.2	78.9
[illegible]	56.3	61.3	65.3	69.4	72.2	74.2	76.9	77.4	79.1	79.7	79.8	80.7	80.6	81.9	81.6
57.1	57.3	62.[illegible]	67.1	70.7	73.4	75.5	78.2	79.1	80.6	81.2	81.3	81.5	82.1	82.4	83.1
57.[illegible]	57.9	63.1	67.9	71.5	74.2	76.3	79.3	8[illegible].7	81.6	82.2	82.3	82.5	83.2	83.7	84.4
57.2	58.5	63.8	68.5	72.3	75.[illegible]	77.2	80.4	81.7	82.9	83.4	83.5	83.8	84.4	84.9	85.7
57.3	59.1	64.6	69.3	73.3	76.2	78.6	82.3	82.9	84.4	85.2	85.1	85.3	86.[illegible]	86.5	87.3
57.4	59.4	64.9	69.6	73.8	76.8	79.5	82.9	83.5	85.5	86.[illegible]	86.2	86.5	87.1	87.6	88.4
57.4	59.4	65.1	7[illegible].3	74.7	78.[illegible]	8[illegible].9	84.8	85.9	87.5	88.[illegible]	88.4	88.6	89.3	89.7	90.3
57.4	59.4	65.2	70.2	75.0	78.7	81.6	85.4	87.9	90.0	91.5	91.[illegible]	91.2	92.[illegible]	92.4	93.2
57.4	59.4	65.2	7[illegible].2	75.9	78.7	82.1	87.1	89.2	91.3	92.7	92.4	92.7	93.7	94.3	95.0
57.4	59.4	65.2	7[illegible].2	75.9	78.7	82.1	87.4	89.5	91.9	92.7	93.2	93.5	94.7	95.4	96.3
57.4	59.4	65.2	70.2	75.9	78.7	82.1	87.4	89.6	92.1	93.2	93.9	94.3	96.4	97.1	98.3

[illegible] NUMBER OF OBSERVATIONS [illegible] 397

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CEILING VERSUS VISIBILITY

[illegible]	[illegible]	19.7	[illegible]	[illegible]	[illegible]	30.4	33.[illegible]	23.[illegible]	34.7	34.[illegible]	34.3	24.4	[illegible]	34.7	[illegible]	[illegible]	[illegible]
29.2	30.2	2[illegible].5	29.1	[illegible]	29.5	[illegible]	31.3	31.	32.3	[illegible]	32.6	37.7	32.7	33.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	30.4	2[illegible]	[illegible]	29.3	30.1	[illegible]	31.5	32.	32.5	32.7	33.9	33.[illegible]	33.[illegible]	37.7	33.7	[illegible]	[illegible]
[illegible]	30.5	2[illegible]	[illegible]	[illegible]	30.1	30.3	31.6	32.1	32.5	32.8	32.9	33.	33.3	37.7	[illegible]	[illegible]	[illegible]
19.7	[illegible]	27.[illegible]	[illegible]	[illegible]	[illegible]	31.7	31.1	32.2	32.7	33.2	33.4	33.5	33.7	33.7	37.9	34.4	[illegible]
[illegible]	27.2	2[illegible]	[illegible]	31.1	31.1	31.[illegible]	37.3	33.5	34.	34.5	34.7	34.9	35.	31.2	35.3	35.7	[illegible]
31.[illegible]	[illegible]	30.[illegible]	32.1	37.2	34.1	34.3	35.8	36.1	36.4	37.1	37.2	37.3	37.5	37.6	38.1	[illegible]	[illegible]
30.3	29.5	31.1	32.5	33.7	34.[illegible]	35.2	36.5	37.7	37.5	37.8	37.[illegible]	37.7	[illegible]	38.7	38.7	[illegible]	[illegible]
32.4	7[illegible].5	31.[illegible]	33.5	34.1	34.9	35.4	36.7	37.2	37.9	38.	3[illegible].1	38.2	38.[illegible]	34.5	39.	[illegible]	[illegible]
32.[illegible]	33.3	31.[illegible]	33.4	34.6	35.4	35.9	37.2	37.7	38.2	38.4	3[illegible].5	37.7	39.[illegible]	39.1	[illegible]	[illegible]	[illegible]
27.[illegible]	31.5	37.7	34.2	35.4	36.3	36.[illegible]	38.2	39.8	39.3	39.5	39.7	39.8	[illegible]	40.1	[illegible]	[illegible]	[illegible]
34.3	32.4	34.[illegible]	35.3	37.7	38.5	39.7	41.7	41.3	41.9	42.2	42.3	41.5	41.7	42.9	43.2	[illegible]	[illegible]
4[illegible].7	33.7	37.[illegible]	37.7	38.1	41.2	43.3	42.4	43.[illegible]	43.5	43.9	44.	44.2	44.5	44.5	41.[illegible]	[illegible]	[illegible]
3[illegible].6	34.9	3[illegible].9	39.2	4[illegible].7	41.7	42.4	44.1	44.7	45.3	45.7	45.6	46.7	46.3	46.4	46.5	[illegible]	[illegible]
3[illegible].7	3[illegible].2	3[illegible].1	4[illegible].4	42.[illegible]	43.1	43.7	45.4	45.1	46.7	47.1	47.2	47.4	47.7	47.8	48.7	[illegible]	[illegible]
[illegible].6	3[illegible].5	41.[illegible]	44.4	4[illegible].3	47.6	48.3	50.2	5[illegible]	51.5	52.7	52.2	52.4	52.7	53.8	53.[illegible]	[illegible]	[illegible]
[illegible]	42.[illegible]	4[illegible].4	46.[illegible]	[illegible].7	51.7	52.6	54.5	55.7	56.1	56.5	56.6	56.8	57.1	57.2	57.7	[illegible]	[illegible]
33.6	47.6	5[illegible].5	53.6	56.1	57.7	59.7	61.6	61.7	62.5	62.9	63.1	63.3	63.6	63.7	64.1	[illegible]	[illegible]
34.5	4[illegible].3	57.7	55.7	58.2	59.9	61.3	63.1	64.1	64.9	65.4	65.5	65.7	66.	66.1	66.5	[illegible]	[illegible]
36.7	51.7	54.9	58.5	61.1	62.9	64.1	66.5	67.5	68.4	68.8	67.[illegible]	69.2	69.5	69.6	7[illegible]	[illegible]	[illegible]
55.1	56.7	6[illegible].4	64.8	67.5	69.4	7[illegible].9	73.4	74.[illegible]	75.4	75.9	76.[illegible]	76.3	76.6	76.7	77.2	[illegible]	[illegible]
37.3	59.6	62.5	67.2	7[illegible].3	7[illegible].1	73.7	76.3	77.4	78.3	78.8	79.[illegible]	79.2	79.4	79.7	[illegible]	[illegible]	[illegible]
39.1	59.4	63.4	65.1	71.3	73.1	74.8	77.4	78.6	79.5	8[illegible].7	80.[illegible]	8[illegible].4	[illegible]	[illegible].9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible].1	64.3	69.3	7[illegible].3	74.5	76.1	79.[illegible]	8[illegible]	81.1	81.[illegible]	81.9	82.1	82.4	87.6	[illegible]	[illegible]	[illegible]
39.3	60.5	64.9	69.9	73.1	75.4	77.1	81.2	81.4	82.5	83.	83.2	83.4	83.[illegible]	87.9	[illegible]	[illegible]	[illegible]
37.3	61.9	61.4	70.7	74.1	76.5	78.4	81.7	83.[illegible]	84.2	84.7	84.9	85.2	85.5	85.7	86.1	[illegible]	[illegible]
3[illegible].4	61.2	65.7	71.3	7[illegible].1	77.7	79.6	83.2	84.6	85.9	86.4	86.7	86.9	87.3	87.4	[illegible]	[illegible]	[illegible]
[illegible].4	61.3	65.[illegible]	71.7	75.9	78.9	81.	85.[illegible]	86.5	88.[illegible]	88.5	88.8	89.1	89.5	89.6	[illegible]	[illegible]	[illegible]
[illegible].4	61.4	66.[illegible]	71.9	76.2	79.[illegible]	81.[illegible]	86.3	88.1	89.9	9[illegible]	9[illegible].8	91.1	91.5	91.7	[illegible]	[illegible]	[illegible]
[illegible].4	61.4	66.	71.9	76.4	79.5	82.[illegible]	87.2	88.1	91.4	92.2	92.6	92.9	93.4	93.6	94.[illegible]	[illegible]	[illegible]
[illegible].4	61.4	67.	71.9	76.4	79.5	83.[illegible]	87.1	88.4	92.[illegible]	93.1	93.6	94.[illegible]	94.8	95.7	96.4	[illegible]	[illegible]
[illegible].4	61.4	66.[illegible]	71.9	76.4	79.5	82.[illegible]	87.1	88.4	92.2	93.5	94.1	94.7	95.7	96.41	[illegible]	[illegible]	[illegible]

[illegible] NUMBER OF OBSERVATIONS ____ 7,54

CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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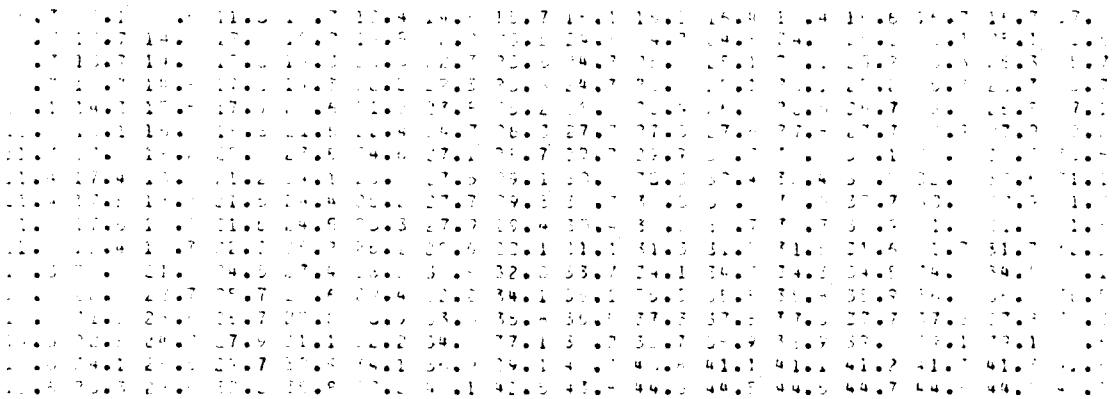
CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

[illegible]	11.7	[illegible]	11.1	14.5	17.1	15.4	15.6	16.	15.7	16.9	16.4	16.4	16.4	16.5	16.6
[illegible]	19.5	[illegible]	21.7	23.6	24.5	25.2	25.5	25.9	25.9	26.1	26.1	26.1	26.1	26.1	26.4
[illegible]	19.3	20.7	21.7	23.6	24.5	25.2	25.5	25.7	25.9	26.1	26.1	26.1	26.1	26.1	26.4
[illegible]	[illegible]	20.7	21.7	23.7	24.7	25.3	25.6	25.9	26.3	26.2	26.2	26.2	26.3	26.4	[illegible]
[illegible]	20.3	21.1	22.6	24.8	25.5	26.5	26.7	27.0	27.1	27.3	27.3	27.3	27.3	27.9	[illegible]
[illegible]	21.1	22.	26.4	26.6	27.7	28.1	28.7	28.9	29.	29.3	29.3	29.3	29.3	29.4	[illegible]
[illegible]	23.0	24.7	26.9	29.7	30.5	31.5	31.8	32.1	32.2	32.5	32.6	32.6	32.6	32.7	[illegible]
[illegible]	24.5	27.0	27.6	31.5	31.5	32.4	33.0	33.0	33.2	33.5	33.5	33.5	33.7	33.7	[illegible]
[illegible]	24.7	26.	27.9	30.6	31.7	32.6	32.9	33.	33.4	33.7	33.7	33.7	33.7	33.9	[illegible]
[illegible]	24.7	26.3	27.9	30.5	31.7	32.5	32.9	33.0	33.4	33.7	33.7	33.7	33.7	33.9	[illegible]
[illegible]	25.9	27.0	31.2	31.0	33.0	33.9	34.3	34.5	34.9	35.0	35.0	35.0	35.	35.1	[illegible]
17.9	27.7	27.9	31.2	34.3	35.5	36.5	37.2	37.4	37.7	37.9	37.9	37.9	37.9	38.0	[illegible]
[illegible]	29.5	31.0	33.4	36.8	38.0	39.2	39.9	40.1	40.3	40.6	40.6	40.6	40.6	40.7	[illegible]
[illegible]	30.7	30.7	34.6	38.7	39.7	40.9	41.5	41.9	42.2	42.3	42.3	42.3	42.3	42.4	[illegible]
[illegible]	31.6	33.4	35.4	39.9	[illegible]	41.3	42.4	42.6	42.9	43.1	43.1	43.1	43.1	43.3	43.4
[illegible]	30.4	35.5	37.7	41.7	43.3	44.3	45.0	45.2	45.4	45.7	45.7	45.7	45.7	45.8	[illegible]
34.7	37.0	37.4	41.0	45.7	47.5	48.3	49.5	49.7	49.9	[illegible]	[illegible]	50.2	50.2	[illegible]	[illegible]
[illegible]	[illegible]	44.7	47.6	51.8	53.3	54.0	55.4	55.9	56.1	56.4	56.4	56.4	56.4	56.5	[illegible]
[illegible]	45.2	47.8	50.9	54.9	56.6	58.7	58.9	59.3	59.7	59.9	59.9	59.9	59.9	[illegible]	[illegible]
[illegible]	45.2	51.9	[illegible]	59.8	61.8	62.2	62.9	63.3	63.7	63.9	63.9	63.9	63.9	64.	[illegible]
53.3	52.9	56.	59.6	64.9	67.1	68.5	69.5	69.9	70.4	70.5	70.5	70.6	70.6	70.7	[illegible]
[illegible]	54.2	57.7	62.1	67.7	69.9	71.6	72.8	73.7	74.0	74.0	74.2	74.2	74.2	74.4	[illegible]
[illegible]	54.0	59.7	63.1	69.8	71.1	72.9	74.1	74.6	75.5	75.7	75.7	75.7	75.7	75.9	[illegible]
[illegible]	56.1	[illegible]	65.5	71.7	74.2	75.7	75.4	79.0	79.8	80.1	80.1	80.1	80.1	80.2	[illegible]
[illegible]	57.0	61.0	66.0	73.7	76.3	79.1	81.8	82.4	83.4	83.7	83.7	83.7	83.7	83.9	[illegible]
[illegible]	[illegible]	61.8	65.5	75.2	78.5	81.5	84.5	85.0	85.3	86.9	86.9	86.9	86.9	87.0	[illegible]
34.1	[illegible]	62.6	69.5	76.9	80.2	83.4	86.0	87.5	88.6	89.3	89.4	89.4	89.4	89.6	[illegible]
34.1	[illegible]	62.9	69.7	77.7	81.4	84.8	88.5	89.6	91.1	92.0	92.1	92.1	92.1	92.2	[illegible]
34.1	[illegible]	62.9	69.7	77.0	81.7	85.2	89.2	91.	92.8	93.9	94.3	94.3	94.3	94.4	[illegible]
34.1	[illegible]	67.9	69.7	77.0	81.7	85.2	89.6	91.6	93.7	95.0	95.4	95.6	95.7	96.	[illegible]
34.1	[illegible]	67.9	69.7	77.0	81.7	85.2	89.6	91.9	94.0	95.6	96.0	95.4	97.7	97.4	97.6
34.1	[illegible]	67.9	69.7	77.0	81.7	85.2	89.6	91.9	94.3	95.6	96.0	95.4	97.5	97.9	[illegible]

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

[illegible]	14.3	[illegible]	[illegible]	27.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	23.7	24.3	26.6	27.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30.[illegible]	30.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	23.7	24.3	26.6	27.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	24.3	26.6	27.7	[illegible]	[illegible]	[illegible]	33.[illegible]	30.[illegible]	30.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	24.4	25.3	27.4	28.5	[illegible]	[illegible]	31.[illegible]	31.4	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	[illegible]
[illegible]	25.4	26.3	27.6	[illegible]	[illegible]	32.[illegible]	33.5	33.[illegible]	33.1	33.1	33.1	33.2	33.3	33.[illegible]	33.[illegible]	33.[illegible]	33.7	33.7	33.7
[illegible]	[illegible]	27.7	31.2	32.7	33.3	35.4	35.[illegible]	35.1	35.1	35.3	35.2	35.3	35.3	35.7	35.7	35.7	35.7	35.7	35.3
[illegible]	33.4	[illegible]	33.[illegible]	34.4	35.6	37.1	37.5	37.8	37.8	37.8	37.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	33.4	33.4	33.[illegible]	34.5	35.7	37.7	37.7	37.9	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
[illegible]	33.7	32.[illegible]	34.9	36.[illegible]	37.4	37.7	37.1	38.1	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
[illegible]	[illegible]	31.4	34.1	35.6	36.8	38.4	38.9	39.1	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
[illegible]	[illegible]	34.[illegible]	36.4	38.6	39.[illegible]	41.4	41.9	42.1	42.1	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
[illegible]	[illegible]	36.6	37.6	41.4	42.7	45.[illegible]	45.[illegible]	45.7	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
[illegible]	[illegible]	37.7	[illegible]	47.7	44.8	46.5	46.9	47.2	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
[illegible]	37.2	39.9	43.[illegible]	48.2	48.6	48.7	48.8	48.7	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
[illegible]	42.2	42.7	46.4	47.5	49.[illegible]	51.5	52.1	52.3	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	[illegible]
[illegible]	46.1	47.[illegible]	51.[illegible]	54.3	56.7	58.4	59.[illegible]	59.2	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	[illegible]
[illegible]	52.6	53.7	57.8	[illegible]	[illegible]	62.[illegible]	65.2	66.1	66.4	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
[illegible]	55.2	55.5	60.2	63.9	65.3	68.1	69.[illegible]	69.4	69.8	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]
[illegible]	58.8	59.7	62.6	65.4	[illegible]	71.7	72.1	72.7	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
[illegible]	59.6	61.7	68.8	71.9	73.5	76.5	78.6	79.2	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
[illegible]	59.3	62.3	67.8	72.6	75.[illegible]	78.5	81.[illegible]	81.8	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	[illegible]
[illegible]	60.2	63.4	68.7	73.5	76.4	80.3	82.6	83.2	83.5	83.9	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	[illegible]
[illegible]	[illegible]	64.5	[illegible]	75.6	78.6	82.2	85.2	85.9	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	[illegible]
[illegible]	61.7	65.6	71.7	77.3	[illegible]	84.2	87.4	88.[illegible]	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	[illegible]
[illegible]	62.5	66.7	72.7	78.7	81.9	86.2	89.4	90.3	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
[illegible]	[illegible]	66.7	73.[illegible]	79.2	82.6	86.8	90.3	91.8	92.7	92.9	93.0	93.0	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	[illegible]
[illegible]	62.5	66.[illegible]	73.4	79.7	83.4	[illegible]7.7	91.6	92.9	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	[illegible]
[illegible]	62.[illegible]	66.[illegible]	73.[illegible]	[illegible]	84.1	88.6	92.7	94.3	95.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
[illegible]	62.5	66.9	73.6	[illegible]	84.1	88.6	93.1	95.1	96.8	98.[illegible]	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	[illegible]
[illegible]	62.3	66.9	73.6	[illegible]	84.1	88.6	93.1	95.1	96.8	98.2	98.7	99.5	99.2	99.2	99.2	99.2	99.2	99.2	[illegible]
[illegible]	[illegible]	66.9	73.6	[illegible]	84.1	88.6	93.1	95.1	96.8	98.2	98.6	98.9	99.[illegible]	99.[illegible]	99.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 71

GLOBAL CLIMATOLOGY BRANCH
AFGWC
AIR WEATHER SERVICE (MAC)

CEILING VERSUS VISIBILITY

[illegible] NORTON AFB [illegible]

[illegible]	17.5	17.7	18.9	21.3	[illegible]	[illegible]	23.6	[illegible]	25.7	26.2	[illegible]	26.5	26.[illegible]	26.7	26.7	26.7	26.7
[illegible]	[illegible]	25.7	28.1	31.1	31.9	[illegible]	33.5	34.9	35.5	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5
[illegible]	25.4	26.1	27.5	31.5	[illegible]	33.1	34.1	35.7	36.7	36.5	36.9	36.9	36.[illegible]	36.9	36.9	36.9	36.9
25.1	[illegible]	25.1	26.5	31.5	34.2	35.1	34.1	35.7	36.3	36.5	36.5	36.5	36.5	36.5	36.9	36.9	36.9
[illegible]	25.9	26.6	29.[illegible]	32.1	32.[illegible]	33.7	34.7	35.8	36.9	37.4	37.4	37.4	37.4	37.5	37.[illegible]		
[illegible]	26.5	27.4	29.9	33.2	34.1	35.1	36.[illegible]	37.1	38.2	38.7	38.7	38.7	38.7	38.5	38.[illegible]		
[illegible]	[illegible]	27.1	31.6	33.1	36.2	37.1	38.3	39.4	40.5	41.1	41.1	41.1	41.1	41.2	41.2		
[illegible]	26.5	29.7	32.3	35.8	36.9	37.6	39.0	40.1	41.2	41.[illegible]	41.6	41.8	41.[illegible]	41.9	41.9		
[illegible]	[illegible]	29.9	32.6	36.9	[illegible]	38.2	39.4	40.5	41.7	42.7	42.7	42.2	42.2	42.2	42.7	42.7	42.7
[illegible]	29.1	30.7	32.6	36.3	[illegible]	38.4	39.6	41.7	41.9	42.4	42.4	42.4	42.4	42.5	42.5		
[illegible]	29.6	31.9	33.7	37.1	38.2	39.3	40.5	41.9	43.3	43.5	43.5	43.5	43.[illegible]	43.6	43.6		
[illegible]	31.[illegible]	32.8	35.7	39.3	41.4	41.4	42.6	44.[illegible]	45.1	45.6	45.6	45.7	45.7	45.7	45.[illegible]		
[illegible]	32.1	33.5	36.4	40.3	41.1	42.2	43.6	44.9	46.1	46.6	46.6	46.7	46.7	46.8	46.8		
[illegible]	33.1	34.8	37.5	41.1	[illegible]	43.2	44.7	46.[illegible]	47.2	47.7	47.7	47.8	47.8	47.9	47.[illegible]		
[illegible]	34.1	35.[illegible]	38.7	42.5	44.1	45.1	46.6	47.9	49.1	49.6	49.6	49.7	49.7	49.8	49.8		
24.4	37.2	39.[illegible]	42.[illegible]	47.2	48.9	51.1	51.7	53.7	54.4	54.9	54.9	55.[illegible]	55.[illegible]	55.1	55.1		
[illegible]	41.2	43.7	47.9	52.6	54.5	55.7	57.7	59.4	60.6	61.1	61.1	61.2	61.7	61.7	61.8		
[illegible]	44.9	46.1	52.9	61.2	61.4	61.8	64.[illegible]	66.[illegible]	67.4	67.9	67.[illegible]	68.[illegible]	68.[illegible]	68.1	68.1		
39.3	46.[illegible]	47.5	54.7	63.2	62.6	64.1	66.5	68.5	70.2	7[illegible].7	7[illegible].7	7[illegible].8	71.8	71.9	72.9		
39.9	49.[illegible]	51.7	59.1	64.6	66.9	69.5	71.1	73.3	75.2	75.5	75.9	76.[illegible]	76.[illegible]	76.2	76.2		
71.[illegible]	53.4	54.4	61.4	68.7	71.[illegible]	72.5	75.8	78.1	80.1	81.7	81.8	81.7	81.7	81.1	81.1		
71.1	51.3	55.[illegible]	62.5	67.9	72.9	74.9	78.[illegible]	81.4	82.4	83.1	83.2	83.4	83.4	83.5	83.5		
31.[illegible]	51.9	55.7	63.6	71.7	74.1	76.9	79.4	81.8	84.1	84.9	84.9	85.[illegible]	85.[illegible]	85.1	85.1		
31.5	52.2	56.4	64.2	71.5	74.7	77.1	80.7	83.1	85.4	86.1	86.2	86.3	86.3	86.5	86.5		
31.7	53.3	57.5	65.3	72.9	76.2	78.7	82.3	85.1	87.5	88.4	88.5	88.6	88.6	88.7	88.7		
32.3	53.8	57.7	66.7	74.5	77.7	80.4	84.6	87.1	89.8	9[illegible].8	90.9	91.[illegible]	91.[illegible]	91.1	91.1		
32.7	53.7	58.4	66.9	74.7	78.3	81.3	85.6	88.1	90.9	91.5	92.0	92.1	92.1	92.2	92.2		
32.3	54.1	58.7	67.2	75.3	79.0	81.8	86.6	89.5	92.6	93.7	93.9	94.0	94.[illegible]	94.1	94.1		
32.3	54.1	58.7	67.2	75.4	79.5	82.4	87.7	90.8	94.4	95.4	95.7	95.8	95.8	95.9	95.9		
32.1	54.1	58.7	67.2	75.8	79.9	83.9	88.7	91.9	95.8	97.3	97.2	97.4	97.4	97.5	97.5		
32.1	54.1	58.7	67.2	75.9	[illegible]	83.7	88.9	92.2	96.4	98.[illegible]	98.2	98.5	98.5	98.7	98.7		
32.1	54.1	58.7	67.2	75.9	87.3	83.9	88.9	92.2	96.4	98.1	98.3	98.8	98.[illegible]	99.2	[illegible]		

[illegible] NUMBER OF OBSERVATIONS [illegible] 875

2

CEILING VERSUS VISIBILITY

[illegible]	17.9	[illegible]	[illegible]	[illegible]	[illegible]	24.9	[illegible]	27.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	25.4	27.5	[illegible]	29.9	[illegible]	[illegible]	[illegible]	33.6	[illegible]	33.9	33.9	34.0	[illegible]
[illegible]	[illegible]	27.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33.9	34.0	34.5	34.5	34.5	34.5	[illegible]
[illegible]	21.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33.0	33.9	34.2	34.5	34.5	34.5	34.5	[illegible]
14.0	21.9	23.8	26.3	29.5	[illegible]	[illegible]	[illegible]	34.4	34.3	34.5	34.[illegible]	34.9	34.0	35.0	[illegible]
14.9	22.7	24.8	27.4	29.5	[illegible]	31.9	33.5	34.5	35.4	35.6	36.[illegible]	35.7	35.2	36.1	36.1
[illegible]	23.[illegible]	25.8	28.8	31.2	32.5	33.7	35.2	36.4	37.1	37.4	37.7	37.7	37.7	37.9	37.9
[illegible]	25.9	26.4	29.5	32.3	33.7	35.3	36.7	37.[illegible]	38.5	38.[illegible]	39.2	39.2	39.[illegible]	39.4	39.5
[illegible]	24.[illegible]	26.[illegible]	29.6	32.5	33.9	35.4	37.[illegible]	38.2	38.9	39.2	39.5	39.5	39.5	39.8	39.9
[illegible]	24.6	26.6	29.6	32.5	33.9	35.4	37.[illegible]	38.2	38.9	39.2	39.5	39.5	39.5	39.8	39.9
[illegible]	24.9	27.[illegible]	31.7	33.7	35.5	36.9	38.5	39.7	40.5	41.[illegible]	41.2	41.2	41.2	41.4	41.5
[illegible]	25.4	29.[illegible]	31.5	35.1	37.0	38.6	40.6	41.6	42.6	42.9	43.2	43.2	43.2	43.5	43.8
[illegible]	26.2	29.[illegible]	32.1	36.1	38.1	39.8	41.8	43.1	43.8	44.[illegible]	44.4	44.4	44.4	44.6	44.8
[illegible]	27.4	31.[illegible]	33.5	37.5	39.5	41.2	43.2	44.5	45.2	45.5	45.8	45.8	45.[illegible]	46.1	46.[illegible]
[illegible]	29.1	3[illegible]	34.6	38.8	42.8	42.9	44.9	46.[illegible]	46.9	47.1	47.5	47.5	47.5	47.7	47.9
[illegible]	31.3	34.3	39.5	42.9	44.9	47.[illegible]	49.2	50.[illegible]	51.2	51.4	51.6	51.8	51.[illegible]	52.[illegible]	[illegible]
[illegible]	34.2	37.4	41.8	46.3	48.5	50.8	53.3	54.[illegible]	55.5	55.7	56.1	56.2	56.[illegible]	56.4	[illegible]
23.3	37.9	41.9	46.4	51.4	53.8	56.2	58.7	60.[illegible]	61.1	61.5	61.9	62.0	62.[illegible]	62.3	62.4
23.9	39.9	42.7	48.1	53.5	55.6	58.3	61.8	62.4	63.2	63.7	64.[illegible]	64.2	64.2	64.4	[illegible]
24.9	40.8	44.5	50.7	56.5	59.4	61.9	64.6	66.4	67.3	68.[illegible]	68.5	68.6	68.6	68.8	[illegible]
26.3	43.9	48.6	55.6	62.7	66.2	69.[illegible]	72.1	74.[illegible]	75.1	75.9	76.3	76.4	76.4	76.7	76.[illegible]
26.9	45.3	49.9	57.5	65.[illegible]	68.6	71.5	75.[illegible]	77.1	78.[illegible]	79.7	79.2	79.3	79.[illegible]	79.5	79.5
26.9	45.6	50.6	58.5	66.1	69.9	72.9	76.5	78.9	79.5	8[illegible].4	8[illegible].8	81.[illegible]	81.[illegible]	[illegible]	[illegible]
27.5	46.9	52.[illegible]	61.6	68.2	72.1	75.2	78.9	81.[illegible]	82.1	82.9	83.5	83.6	83.6	83.8	83.9
27.6	47.6	53.6	61.9	69.8	73.3	77.4	81.3	83.[illegible]	84.5	85.5	86.[illegible]	86.2	86.[illegible]	86.4	[illegible]
27.7	48.1	54.3	62.9	71.1	75.2	79.9	83.2	86.2	87.3	88.2	88.6	88.9	88.9	89.7	89.4
27.7	48.1	54.5	63.6	72.1	76.5	80.4	84.9	88.[illegible]	89.2	90.1	90.7	90.8	90.[illegible]	91.1	91.4
27.7	48.1	54.6	63.7	72.4	77.1	81.3	86.[illegible]	89.3	90.6	91.7	92.3	92.4	92.4	92.6	93.[illegible]
27.7	48.1	54.6	63.7	72.9	77.6	81.9	86.8	90.1	91.5	92.6	93.3	93.5	93.5	93.7	94.[illegible]
27.7	48.1	54.6	63.7	73.0	77.7	82.4	87.5	91.1	93.0	94.7	95.[illegible]	95.1	95.1	95.4	95.9
27.7	48.1	54.6	63.7	73.0	77.7	82.4	87.9	91.5	94.4	96.1	97.2	97.4	97.5	97.7	98.3
27.7	48.1	54.6	63.7	73.0	77.7	82.4	87.9	91.[illegible]	94.4	96.1	97.4	97.6	98.1	98.5	[illegible]

1 [illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK [illegible] 73-82 [illegible]

[illegible] ALL

[illegible]	10.2	14.1	15.6	17.3	18.2	19.1	20.3	[illegible]	21.3	21.6	21.7	21.8	21.9	22.[illegible]	22.2		
10.5	10.2	19.7	21.2	23.1	24.3	25.7	27.1	27.9	28.2	28.5	28.6	28.7	28.9	28.9	29.2		
10.5	10.2	19.7	21.4	23.3	24.5	26.[illegible]	27.3	28.[illegible]	28.5	28.9	28.9	29.2	29.1	29.2	29.4		
10.5	10.2	19.1	21.4	23.3	24.5	26.[illegible]	27.3	28.[illegible]	28.5	28.8	28.9	29.[illegible]	29.1	29.2	29.4		
10.7	10.7	19.7	21.9	24.0	25.2	26.6	28.0	28.7	29.1	29.4	29.6	29.6	29.8	29.8	30.1		
10.2	10.6	2[illegible].8	27.1	25.7	26.5	27.9	29.3	30.[illegible]	30.6	30.8	30.9	31.[illegible]	31.1	31.7	31.5		
14.1	21.2	23.6	25.0	27.4	28.7	30.2	31.7	32.4	33.[illegible]	33.3	33.4	33.5	33.5	33.7	34.[illegible]		
14.3	21.7	23.1	25.7	28.2	29.5	31.1	32.5	33.2	33.8	34.1	34.2	34.3	34.6	34.5	34.6		
14.3	21.8	23.2	25.6	28.3	29.6	31.2	32.7	33.4	34.0	34.3	34.4	34.5	34.8	34.7	35.[illegible]		
14.4	22.0	23.4	25.1	28.5	29.9	31.5	32.9	33.7	34.2	34.6	34.7	34.8	34.9	35.2	35.3		
14.9	22.5	24.2	27.0	29.5	30.9	32.5	34.0	34.9	35.3	35.7	35.8	35.9	36.[illegible]	36.1	36.4		
15.9	24.6	25.[illegible]	27.0	31.8	33.2	34.9	36.6	37.4	38.1	38.4	38.5	38.6	38.7	38.8	39.1		
16.7	25.5	27.7	31.2	33.1	34.6	36.5	38.2	39.1	39.5	4[illegible].1	4[illegible].2	40.4	40.[illegible]	40.6	41.[illegible]		
17.3	26.5	29.5	31.5	34.3	35.9	37.8	39.6	40.4	41.3	41.6	41.7	41.8	41.[illegible]	42.1	42.4		
17.9	27.4	29.[illegible]	32.3	35.5	37.1	39.1	41.0	42.0	42.6	43.2	43.1	43.2	43.7	43.4	43.7		
18.4	30.[illegible]	32.[illegible]	35.[illegible]	38.8	40.6	42.5	44.6	45.6	45.3	46.7	46.8	46.9	47.2	47.1	47.4		
21.4	32.9	35.7	39.1	42.7	44.6	46.7	49.[illegible]	50.[illegible]	50.9	51.2	51.4	51.5	51.8	51.7	2[illegible]		
23.6	36.9	39.7	44.6	48.0	50.1	52.4	54.6	56.2	57.0	57.5	57.6	57.8	57.7	58.7	58.3		
24.3	38.3	41.2	45.9	5[illegible].2	52.3	54.7	57.1	58.[illegible]	59.4	59.9	60.2	60.2	60.2	60.4	60.7		
[illegible].2	40.4	43.5	48.7	53.5	55.6	58.2	60.6	62.3	63.3	63.8	63.9	64.1	64.2	64.3	64.6		
2[illegible].6	43.9	47.4	53.3	58.9	[illegible]1.7	64.4	67.4	69.[illegible]	70.1	70.6	70.7	70.9	71.1	71.1	71.4		
27.1	45.1	48.8	55.3	61.4	64.4	67.4	70.6	72.3	73.4	73.9	74.1	74.3	74.4	74.5	74.9		
27.3	45.7	49.6	56.3	62.6	65.7	68.8	72.[illegible]	73.9	75.[illegible]	75.5	75.7	75.9	76.[illegible]	76.1	76.4		
27.[illegible]	46.6	51.[illegible]	58.[illegible]	64.7	66.9	71.3	75.0	76.8	76.1	78.6	78.8	79.[illegible]	79.9	79.3	79.6		
27.7	47.8	52.7	59.6	66.5	7[illegible].1	73.6	77.6	79.5	80.9	81.5	81.7	82.0	82.1	82.2	2[illegible]		
27.9	48.2	52.[illegible]	60.7	68.[illegible]	71.7	75.5	79.9	82.1	83.6	84.3	84.6	84.8	84.9	85.[illegible]	8[illegible].4		
27.9	48.5	53.3	61.4	69.9	72.9	76.7	81.5	83.9	85.6	86.3	86.6	86.9	87.1	87.2	87.5		
27.9	48.7	53.7	61.6	69.5	73.8	77.8	83.3	85.7	87.5	88.6	88.9	89.2	89.4	89.5	89.9		
27.9	48.7	53.7	61.9	69.9	74.4	78.6	84.2	87.7	89.6	90.7	91.1	91.4	91.6	91.7	92.1		
27.9	48.7	53.7	61.9	70.0	74.6	78.9	84.8	88.3	91.[illegible]	92.3	92.6	92.9	93.[illegible]	93.7	94.2		
27.9	48.7	53.7	61.9	7[illegible].[illegible]	74.6	78.9	85.1	88.7	91.9	93.6	94.2	94.8	95.5	95.9	96.7		
27.[illegible]	48.7	53.7	61.9	7[illegible].[illegible]	74.6	78.9	85.1	88.7	91.9	93.7	94.4	95.1	96.2	96.7	[illegible]		

[illegible] 653

1

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 73-92 [illegible]

[illegible]

[illegible]	24.2	27.[illegible]	29.9	32.1	33.7	34.[illegible]	36.3	36.4	36.6	36.6	36.6	36.7	37.[illegible]	37.1	37.1
[illegible]	27.7	3[illegible]	34.6	37.9	39.5	41.7	43.1	43.4	43.6	43.6	43.6	43.9	44.[illegible]	44.1	44.1
[illegible]	27.7	3[illegible]	34.6	37.6	39.7	41.8	43.2	43.5	43.8	43.7	43.8	43.9	44.1	44.2	44.2
[illegible]	27.7	30.8	34.6	37.6	39.7	41.8	43.2	43.5	43.8	43.8	43.8	43.9	44.1	44.2	44.2
[illegible]	[illegible]	31.1	35.0	37.8	39.9	42.1	43.6	44.[illegible]	44.2	44.2	44.2	44.3	44.5	44.6	44.6
[illegible]	[illegible]	32.1	36.[illegible]	39.9	41.2	43.5	45.1	45.4	45.6	45.6	45.6	45.7	45.[illegible]	46.1	46.1
[illegible]	30.[illegible]	37.3	37.7	40.2	43.3	45.6	47.1	47.6	47.7	47.7	47.7	47.8	48.[illegible]	48.1	48.1
[illegible]	30.7	3[illegible]	38.[illegible]	41.6	44.2	46.4	47.9	48.2	48.5	48.5	48.5	48.5	48.8	48.9	48.9
[illegible]	[illegible]	34.1	38.7	41.9	44.2	46.6	48.1	48.5	48.7	48.7	48.7	48.8	49.[illegible]	49.1	49.1
[illegible]	35.2	34.[illegible]	38.8	41.9	44.4	46.8	48.4	48.7	48.9	48.9	48.9	49.[illegible]	49.2	49.2	49.3
[illegible]	[illegible]	34.[illegible]	39.6	42.8	46.3	47.7	49.5	49.8	50.0	50.[illegible]	50.2	50.1	50.3	50.4	50.4
[illegible]	34.2	37.7	42.6	46.2	48.6	51.4	53.2	53.5	53.7	53.7	53.7	53.8	54.1	54.2	54.2
[illegible]	36.2	39.7	44.[illegible]	47.8	50.4	53.1	54.8	55.2	55.4	55.4	55.4	55.5	55.7	55.8	55.8
[illegible]	36.5	39.8	44.5	47.4	51.2	53.6	55.5	55.5	56.[illegible]	56.[illegible]	56.[illegible]	56.1	56.4	56.5	56.5
[illegible]	36.2	4[illegible]	45.3	48.3	52.1	54.8	56.7	57.[illegible]	57.2	57.2	57.2	57.3	57.6	57.7	57.7
[illegible]	[illegible]	42.1	47.4	51.5	54.5	57.2	59.2	59.5	59.8	59.8	59.6	59.9	60.1	60.2	60.2
[illegible]	40.6	44.8	50.3	54.6	57.6	61.4	62.8	63.2	63.4	63.4	63.4	63.5	63.7	63.8	63.8
[illegible]	44.5	49.[illegible]	54.9	59.3	62.5	65.4	67.5	68.3	68.6	68.6	68.6	68.8	69.[illegible]	69.1	69.1
31.3	46.1	51.7	56.5	61.4	64.5	67.8	70.4	71.[illegible]	71.2	71.2	71.2	71.3	71.5	71.6	71.6
[illegible]	46.1	53.[illegible]	59.5	64.1	67.2	70.5	73.4	73.8	74.1	74.1	74.1	74.2	74.5	74.5	74.6
33.7	51.5	57.1	64.4	69.1	72.5	76.1	78.9	79.4	79.7	79.7	79.7	79.8	80.[illegible]	80.2	80.2
34.2	53.3	58.[illegible]	66.2	71.2	74.8	78.5	81.6	82.1	82.5	82.5	82.5	82.6	82.[illegible]	82.7	82.8
34.8	54.3	59.8	67.7	72.9	76.6	80.5	83.7	84.2	84.5	84.5	84.5	84.6	84.9	85.[illegible]	85.[illegible]
34.[illegible]	55.4	61.[illegible]	69.6	74.9	78.9	83.2	86.7	87.4	87.7	87.7	87.7	87.8	88.[illegible]	88.2	88.2
35.4	56.7	62.4	71.3	76.6	80.5	85.4	89.1	89.9	90.1	90.1	90.1	90.2	90.5	90.5	90.6
35.5	57.3	63.[illegible]	72.3	77.9	82.3	87.2	91.1	91.8	92.1	92.1	92.1	92.2	92.4	92.5	92.[illegible]
35.6	57.9	63.6	73.4	79.1	83.6	88.5	92.9	93.5	94.2	94.2	94.2	94.1	94.3	94.4	94.4
35.6	58.2	63.8	73.9	79.7	84.5	89.5	94.1	95.4	95.7	95.7	95.7	95.8	96.1	96.2	96.2
35.6	58.3	64.[illegible]	74.3	79.[illegible]	85.2	90.2	95.2	96.5	97.[illegible]	97.[illegible]	97.3	97.1	97.4	97.5	97.5
35.6	58.3	64.[illegible]	74.6	79.9	85.2	90.7	95.6	97.4	97.8	97.9	98.[illegible]	98.1	98.4	98.5	98.5
35.6	58.3	64.[illegible]	74.3	79.9	85.2	90.7	96.2	98.[illegible]	98.5	98.6	98.7	98.8	99.[illegible]	99.3	99.7
35.6	58.3	64.[illegible]	74.3	79.9	85.2	90.7	96.2	98.[illegible]	98.5	98.8	98.9	99.[illegible]	99.2	99.5	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible] 1

1 [illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-[illegible] [illegible]

[illegible]

14.2	1[illegible].3	20.1	22.7	24.3	26.2	28.4	7[illegible].4	31.1	31.[illegible]	3[illegible].1	3[illegible].1	32.2	32.[illegible]	32.[illegible]	[illegible]
15.5	21.9	27.2	26.1	28.3	30.1	31.2	35.9	36.6	37.3	37.6	37.6	37.7	37.8	38.[illegible]	36.3
1[illegible].3	21.9	28.2	26.1	28.3	30.1	31.2	36.1	36.7	37.5	37.8	37.8	3[illegible].2	38.1	38.2	36.5
15.3	2[illegible].9	27.2	26.1	28.3	30.1	31.2	36.1	36.7	37.5	37.8	37.[illegible]	38.3	38.1	38.2	36.5
1[illegible].3	21.3	23.3	26.2	28.4	30.3	31.4	35.1	36.[illegible]	37.6	38.2	38.3	38.1	38.2	38.3	36.6
16.[illegible]	21.7	24.1	27.3	29.4	31.2	32.3	37.3	38.2	38.6	39.3	39.3	39.4	39.5	39.6	39.9
2[illegible].1	23.5	26.1	29.6	31.9	33.9	35.[illegible]	41.[illegible]	41.[illegible]	41.7	42.[illegible]	42.[illegible]	42.1	42.[illegible]	42.4	42.7
2[illegible].3	24.1	26.7	30.1	32.6	34.5	35.8	42.[illegible]	41.[illegible]	42.6	42.9	42.[illegible]	43.[illegible]	43.1	43.2	43.6
1[illegible].6	24.3	27.3	30.4	32.9	34.6	36.[illegible]	41.1	41.[illegible]	42.5	43.1	43.1	43.2	43.3	43.5	43.[illegible]
1[illegible].8	24.5	27.[illegible]	30.6	33.[illegible]	35.[illegible]	36.2	41.4	42.[illegible]	43.[illegible]	43.7	43.7	43.5	43.6	43.7	44.[illegible]
19.5	25.3	27.9	31.4	33.9	35.8	37.2	42.1	43.[illegible]	43.9	44.1	44.1	44.2	44.3	44.4	44.[illegible]
2[illegible].7	27.4	3[illegible].1	33.6	36.2	38.2	39.6	44.[illegible]	45.[illegible]	46.5	46.[illegible]	46.9	47.3	47.1	47.2	47.[illegible]
21.3	26.4	31.[illegible]	35.2	38.1	4[illegible].7	41.5	46.[illegible]	47.[illegible]	48.4	48.7	49.7	49.[illegible]	49.[illegible]	49.1	49.4
21.7	29.3	3[illegible].[illegible]	36.3	39.2	41.5	42.7	46.2	49.[illegible]	49.9	5[illegible].[illegible]	5[illegible].3	5[illegible].4	5[illegible].5	5[illegible].6	5[illegible].7
21.[illegible]	29.4	32.[illegible]	36.7	39.7	42.1	43.6	49.3	49.[illegible]	50.7	51.3	51.3	51.2	51.2	51.4	51.7
23.1	31.6	3[illegible].1	39.4	42.4	45.2	46.8	52.1	53.1	53.9	54.2	54.2	54.3	54.5	54.5	54.[illegible]
24.3	34.8	37.7	42.2	46.2	49.3	50.8	55.3	57.7	58.1	58.4	58.4	58.5	58.4	58.7	59.1
26.7	36.7	43.[illegible]	48.5	51.8	54.9	56.9	62.5	63.5	64.4	64.7	64.7	64.8	64.9	65.[illegible]	65.[illegible]
27.4	37.6	44.1	49.9	53.6	56.7	58.6	64.3	65.6	66.3	66.7	66.7	67.3	66.9	67.[illegible]	67.7
28.7	42.7	47.9	52.9	56.7	59.8	62.3	68.3	69.9	70.1	70.4	7[illegible].4	7[illegible].5	70.6	7[illegible].7	71.1
31.4	46.[illegible]	51.7	56.9	60.7	64.4	66.5	72.9	73.9	74.7	75.0	75.0	75.1	75.2	75.4	75.7
31.9	4[illegible].3	52.[illegible]	59.2	63.3	67.[illegible]	69.5	75.3	77.[illegible]	77.8	78.1	78.1	7[illegible].2	78.3	78.4	78.6
32.3	49.3	53.9	60.4	64.8	68.5	71.2	78.[illegible]	79.[illegible]	79.8	8[illegible].1	8[illegible].1	8[illegible].2	8[illegible].2	8[illegible].4	[illegible].7
32.8	49.6	55.3	61.6	66.3	70.2	72.9	80.1	81.1	81.8	82.2	82.2	82.3	82.4	82.5	[illegible]
32.9	50.4	56.9	62.7	67.5	71.7	74.8	82.5	83.[illegible]	84.3	84.5	84.6	84.7	84.8	84.9	[illegible]
37.1	51.3	57.2	64.6	73.1	74.8	78.2	86.3	87.2	88.1	88.4	88.4	88.6	88.7	88.5	[illegible]
33.3	51.5	57.8	65.7	71.2	75.2	79.9	88.3	89.4	90.3	90.5	9[illegible].5	91.5	91.[illegible]	91.2	91.7
33.2	51.6	58.1	66.2	72.1	77.8	81.5	89.9	91.[illegible]	92.[illegible]	93.1	93.1	93.2	93.3	93.4	93.7
33.3	51.7	58.2	66.4	72.4	78.1	82.2	91.3	93.2	94.8	95.3	95.4	95.5	95.6	95.7	96.[illegible]
33.3	51.7	[illegible]	66.4	72.4	78.2	83.2	92.0	94.[illegible]	96.1	96.6	96.7	96.8	96.9	97.[illegible]	97.4
33.3	51.7	58.[illegible]	66.4	72.4	78.2	83.2	92.1	94.9	96.7	97.6	97.7	98.3	98.2	98.5	99.[illegible]
33.3	51.7	58.[illegible]	66.4	72.4	78.2	83.2	92.1	94.9	96.7	97.5	97.8	98.3	98.8	99.7	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 73-[illegible]

[illegible]

[illegible]	13.3	14.7	15.7	16.5	17.6	19.2	[illegible]	[illegible]	22.6	22.5	23.[illegible]	23.2	23.6	23.6	24.3
[illegible]	19.7	21.7	23.2	24.2	25.7	27.5	29.[illegible]	30.6	32.5	32.5	33.3	33.5	33.[illegible]	34.[illegible]	34.[illegible]
[illegible]	19.7	21.7	23.2	24.3	25.8	27.6	29.6	3[illegible].7	32.6	32.9	33.4	33.6	33.4	34.1	34.[illegible]
19.2	19.7	21.7	23.2	24.3	25.3	27.6	29.6	3[illegible].7	32.6	32.9	33.4	33.6	33.9	34.1	34.9
19.7	20.5	22.[illegible]	24.[illegible]	25.1	25.6	28.3	30.4	31.5	33.4	33.7	34.1	34.4	34.7	34.9	35.7
24.[illegible]	25.[illegible]	24.[illegible]	25.6	26.3	28.5	3[illegible].5	32.4	33.[illegible]	35.3	35.7	36.1	36.3	36.7	36.9	37.6
25.9	24.3	26.3	27.9	29.1	31.2	32.9	35.1	36.4	38.3	39.6	3[illegible].1	39.3	39.5	39.8	40.6
1[illegible].3	25.2	27.1	28.8	30.1	32.2	34.0	36.2	37.5	39.4	39.7	4[illegible].2	4[illegible].4	4[illegible].7	4[illegible].9	41.7
1[illegible].3	2[illegible].4	27.4	29.[illegible]	3[illegible].3	3[illegible].4	34.9	36.4	37.7	39.6	39.9	4[illegible].4	4[illegible].6	4[illegible].[illegible]	41.1	4[illegible].3
[illegible]	25.6	27.[illegible]	29.[illegible]	3[illegible].5	32.6	34.5	36.7	38.[illegible]	39.8	4[illegible].2	4[illegible]	4[illegible].8	41.[illegible]	[illegible].4	4[illegible].1
17.[illegible]	2[illegible].4	29.[illegible]	3[illegible].3	31.3	33.4	35.2	37.4	38.7	40.6	4[illegible].7	41.5	41.7	42.[illegible]	42.2	43.[illegible]
1[illegible].7	27.5	27.[illegible]	31.4	33.[illegible]	35.1	37.3	39.2	40.5	42.6	42.9	43.4	43.8	44.1	44.3	45.1
[illegible]	2[illegible].3	30.[illegible]	32.7	34.5	36.5	38.5	4[illegible].9	42.3	44.3	44.6	45.2	45.5	45.[illegible]	46.1	46.[illegible]
[illegible]	29.[illegible]	31.9	34.6	36.0	38.2	40.4	43.1	44.6	46.6	46.9	47.5	47.8	48.1	48.4	49.1
[illegible].4	[illegible].4	32.7	34.[illegible]	36.9	39.1	41.2	44.3	45.5	47.5	47.8	48.4	48.7	49.[illegible]	49.7	[illegible]
[illegible]	32.7	35.2	37.9	39.9	42.1	44.3	47.[illegible]	48.6	5[illegible].5	5[illegible]	51.4	51.8	52.1	52.3	[illegible].1
1.4	35.3	38.2	41.1	43.4	45.6	47.8	50.5	52.1	54.[illegible]	54.4	54.9	55.3	55.4	55.9	[illegible]
[illegible].3	4[illegible]	43.[illegible]	46.5	49.7	51.3	53.6	56.6	58.1	60.1	60.4	61.9	61.3	61.8	61.9	[illegible]
[illegible].3	41.2	44.[illegible]	48.[illegible]	51.7	53.[illegible]	55.3	58.4	60.1	62.[illegible]	62.4	63.9	63.2	63.5	63.9	64.5
[illegible]	43.2	46.3	50.1	53.0	55.3	57.5	61.9	62.6	64.6	64.9	65.4	65.8	66.1	66.7	67.1
[illegible].8	46.6	5[illegible]	54.2	57.5	60.0	62.3	66.0	67.8	69.8	70.1	70.7	71.[illegible]	71.3	71.6	[illegible]
[illegible].1	4[illegible].2	52.7	57.[illegible]	60.5	63.1	65.5	69.3	71.2	73.2	73.5	74.1	74.4	74.7	74.9	75.7
[illegible].3	50.4	53.9	58.2	61.9	64.6	67.[illegible]	70.7	72.6	74.6	74.9	75.5	75.8	76.1	76.4	77.[illegible]
[illegible].6	51.5	55.7	59.6	63.8	66.4	68.9	72.[illegible]	75.1	77.0	77.4	77.9	78.2	78.6	78.8	79.[illegible]
3[illegible].1	52.6	56.9	61.7	65.9	68.6	71.4	75.6	77.[illegible]	79.9	80.2	80.7	81.1	81.4	81.6	82.4
3[illegible].3	53.4	59.[illegible]	63.1	67.7	7[illegible].9	73.7	78.1	80.6	82.6	83.[illegible]	83.7	84.3	84.4	84.6	85.3
[illegible].3	53.6	59.[illegible]	64.0	69.4	72.8	75.0	80.4	83.5	85.6	86.[illegible]	86.7	87.[illegible]	87.3	87.5	88.3
[illegible].3	53.[illegible]	59.8	64.0	7[illegible].5	73.9	76.9	82.[illegible]	85.7	88.0	88.5	89.2	89.5	89.9	90.[illegible]	[illegible]
[illegible].3	53.[illegible]	59.9	6[illegible]	7[illegible].9	74.4	77.6	83.5	87.[illegible]	9[illegible]	91.[illegible]	92.7	93.[illegible]	93.4	93.7	94.4
[illegible].3	53.[illegible]	56.[illegible]	63.[illegible]	71.[illegible]	74.5	77.7	83.6	88.[illegible]	91.7	93.1	94.1	94.7	95.5	95.5	96.4
[illegible].3	53.5	59.9	65.0	71.[illegible]	74.5	77.7	83.6	88.3	92.0	93.5	94.9	95.7	96.7	96.9	99.1
[illegible].3	53.[illegible]	59.9	65.0	71.[illegible]	74.5	77.7	83.6	88.3	92.[illegible]	97.9	98.[illegible]	96.[illegible]	97.4	97.7	[illegible]

[illegible] 214

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK [illegible] [illegible]

[illegible]-1112

[illegible]	14.1	15.0	16.7	17.3	18.3	18.9	19.6	20.4	21.[illegible]	21.[illegible]	21.1	21.7	21.7	21.4		
18.[illegible]	22.3	27.4	24.6	26.9	28.1	27.0	30.6	31.0	31.[illegible]	31.9	32.0	32.0	32.4	32.4	32.1	
18.3	22.4	23.6	24.9	27.[illegible]	28.2	29.6	30.7	31.3	31.[illegible]	32.1	32.3	32.3	32.[illegible]	32.5	32.6	
18.[illegible]	22.4	23.5	24.9	27.0	28.2	29.6	30.7	31.3	31.[illegible]	32.1	32.3	32.3	32.5	32.5	32.6	
17.4	23.3	24.4	25.[illegible]	29.0	27.2	30.[illegible]	31.7	32.3	32.9	33.2	33.3	33.3	33.5	33.5	33.6	
19.2	24.4	25.6	27.2	29.3	31.5	31.9	33.0	33.4	34.2	34.4	34.5	34.5	34.5	34.[illegible]	34.9	
19.7	27.3	29.4	30.4	32.6	33.6	35.2	36.3	36.9	37.6	37.7	38.[illegible]	38.2	38.2	38.[illegible]	38.3	
[illegible].1	27.7	29.3	31.0	33.8	35.3	36.9	37.7	38.[illegible]	39.1	39.2	39.4	39.4	39.6	39.6	39.7	
[illegible].1	27.9	29.9	31.9	34.1	35.3	36.9	38.1	38.4	39.4	39.5	39.7	39.7	39.9	39.9	40.0	
[illegible].1	27.[illegible]	29.9	31.9	34.1	35.3	36.9	38.1	38.6	39.4	39.5	39.7	39.7	39.9	39.9	40.0	
[illegible].4	[illegible].4	33.1	32.6	35.0	36.2	37.9	39.1	39.9	40.4	40.9	4[illegible].7	4[illegible].7	4[illegible].9	4[illegible].9	41.[illegible]	
[illegible].1	31.1	31.[illegible]	34.6	37.1	38.3	39.9	41.1	41.[illegible]	42.6	42.7	42.9	4[illegible].9	43.1	43.1	43.3	
32.7	35.5	34.9	37.2	39.8	41.[illegible]	42.8	44.0	44.[illegible]	45.4	45.5	45.7	45.7	46.[illegible]	46.[illegible]	46.1	
34.4	35.2	37.1	40.3	42.9	44.3	46.2	47.5	48.1	48.9	49.[illegible]	49.3	49.3	49.6	49.6	49.7	
34.[illegible]	35.8	37.5	4[illegible].5	43.4	45.0	46.8	48.1	49.[illegible]	49.6	49.5	50.1	50.1	50.3	50.7	50.4	
[illegible].0	37.6	39.5	42.9	45.6	47.2	49.1	50.5	51.0	52.1	52.3	52.6	52.6	52.8	52.9	53.0	
[illegible].1	37.9	42.9	46.2	49.0	50.7	52.6	54.0	54.7	55.6	55.9	56.1	56.1	56.3	56.3	56.5	
31.0	45.2	47.6	51.6	54.6	56.3	58.3	59.7	60.5	61.4	61.5	61.9	61.9	62.1	62.1	62.3	
33.3	47.6	50.2	54.3	57.2	59.1	61.1	62.5	63.2	64.1	64.3	64.7	64.7	64.9	64.9	65.0	
35.4	51.6	54.3	58.4	61.6	63.7	65.6	67.1	67.8	68.8	69.[illegible]	69.4	69.4	69.6	69.6	69.7	
39.4	57.4	61.3	64.9	68.5	70.8	72.9	74.3	75.1	76.0	76.3	76.6	76.6	76.8	76.8	76.9	
39.9	59.5	62.7	67.6	71.2	73.9	75.9	77.6	78.7	79.5	79.9	80.2	80.2	80.4	80.4	80.5	
40.3	60.1	63.3	68.6	72.3	75.1	77.1	79.[illegible]	79.9	80.9	81.1	81.4	81.4	81.6	81.6	81.7	
4[illegible].4	61.2	64.9	70.4	74.3	77.2	79.5	81.4	82.5	83.6	83.9	84.2	84.2	84.5	84.5	84.6	
4[illegible].6	61.9	65.9	71.8	75.3	79.3	81.7	83.8	84.9	86.0	86.3	86.7	86.7	86.9	86.9	87.0	
4[illegible].7	63.2	67.4	73.9	79.1	82.4	85.1	87.6	88.8	90.0	91.4	90.7	90.7	90.9	90.9	91.0	
4[illegible].7	63.7	67.5	74.3	80.0	83.6	86.7	89.5	90.8	92.2	92.6	92.9	92.9	93.1	93.1	93.2	
4[illegible].7	63.2	67.5	74.6	81.5	84.4	87.4	90.7	92.0	93.8	94.2	94.5	94.6	94.9	94.9	95.0	
47.7	63.2	67.5	74.9	81.[illegible]	84.9	88.0	91.8	93.7	96.2	96.7	97.0	97.3	97.5	97.5	97.6	
4[illegible].7	63.2	67.5	74.8	81.0	84.9	88.1	92.0	94.0	96.9	97.6	97.9	98.2	98.5	98.5	98.6	
47.7	63.2	67.5	74.8	81.0	84.9	88.1	92.0	94.0	97.0	97.9	98.2	98.8	99.3	99.3	99.6	
4[illegible].7	63.2	67.5	74.6	81.0	84.9	88.1	92.0	94.[illegible]	97.0	97.9	98.2	98.8	99.[illegible]	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS >14

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] 73-[illegible]

[illegible]	12.3	[illegible]	15.4	[illegible]	16.1	16.1	16.1	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
[illegible]	23.4	24.1	26.1	[illegible]	27.2	27.2	27.2	27.5	27.5	27.5	27.5	27.5	27.5	27.7	27.7
[illegible]	[illegible]	24.1	26.5	27.4	27.7	27.7	27.7	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
[illegible]	[illegible]	24.1	26.5	27.4	27.7	27.7	27.7	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
[illegible]	24.5	25.1	27.5	[illegible]	28.7	28.7	28.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
[illegible]	25.1	[illegible]	[illegible]	29.7	30.1	30.1	30.1	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
[illegible]	29.1	[illegible]	31.0	[illegible]	32.3	32.3	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
[illegible]	[illegible]	[illegible]	31.7	[illegible]	33.3	33.3	33.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
1.2	[illegible]	31.4	33.5	33.6	34.1	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
1.2	[illegible]	32.0	33.6	33.7	34.2	34.2	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
1.7	30.4	31.7	33.5	34.6	35.1	35.1	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
[illegible]	32.5	33.4	35.0	37.7	37.7	[illegible]	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
[illegible]	36.3	37.4	40.1	41.4	42.0	42.2	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
[illegible]	40.5	42.3	45.1	46.5	47.1	47.3	47.5	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
1.1	42.2	43.6	46.7	48.2	48.7	48.9	49.2	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6
34.7	45.5	47.9	51.1	52.6	53.2	53.4	53.6	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1
[illegible]	51.0	53.5	56.6	58.5	59.0	59.3	59.5	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
45.7	60.7	63.5	66.7	68.6	69.1	69.4	69.6	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1
47.0	62.9	64.9	69.5	71.1	71.7	71.9	72.1	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7
[illegible]	66.9	69.8	73.3	75.4	75.9	76.1	76.6	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1
[illegible]	71.7	74.0	79.1	81.7	82.4	82.7	83.2	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0
[illegible]	73.9	77.1	83.0	85.9	86.9	87.5	88.0	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8
[illegible]	74.6	77.9	83.9	87.1	88.1	88.8	89.3	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1
1.5	75.1	79.0	85.3	89.6	90.7	91.8	92.5	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2
1.4	76.5	80.4	87.0	90.6	91.9	93.1	93.7	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.7
1.5	77.5	81.0	87.9	91.7	93.5	94.7	95.3	95.7	95.7	96.7	96.8	96.8	96.8	96.8	96.8
1.5	77.5	81.0	88.0	91.9	93.7	95.4	96.7	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9
1.5	77.5	81.1	88.3	92.3	94.3	96.2	97.7	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4
1.5	77.5	81.0	88.6	92.5	94.6	96.4	98.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9
1.5	77.5	81.0	88.6	92.6	94.6	96.4	98.1	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
1.5	77.5	81.0	88.6	92.6	94.6	96.4	98.1	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
1.5	77.5	81.0	88.6	92.6	94.6	96.4	98.1	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

NORTON AFB CA

19.3	19.7	19.9	20.3	20.6	20.9	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
[illegible]	28.3	29.4	30.9	[illegible]	31.3	31.4	31.5	31.	31.5	[illegible]	[illegible]	31.5	[illegible]	31.5	[illegible]	[illegible]
[illegible]	28.5	29.7	31.0	31.4	31.4	31.5	31.9	[illegible]	31.7	31.7	[illegible]	31.9	[illegible]	31.9	[illegible]	[illegible]
[illegible]	28.9	30.0	31.3	31.5	31.3	31.9	32.2	32.2	32.2	32.	32.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	32.5	33.0	33.0	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
[illegible]	33.7	[illegible]	35.2	[illegible]	35.5	35.7	36.1	36.	[illegible]	36.	36.	36.5	36.7	36.7	36.7	[illegible]
[illegible]	36.6	37.7	38.0	38.5	38.5	38.6	38.9	[illegible]	38.9	[illegible]	[illegible]	38.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	37.1	38.4	39.7	40.1	40.1	40.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
[illegible]	37.3	38.5	39.5	40.3	40.3	40.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	37.5	[illegible]	40.2	40.7	40.7	40.9	41.2	[illegible]	41.2	[illegible]	41.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	39.	41.1	41.5	41.5	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	[illegible]
[illegible]	42.7	44.	45.5	46.3	[illegible]	46.5	46.9	46.	46.9	[illegible]	46.9	46.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.4	[illegible]	[illegible]	51.6	51.6	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
[illegible]	[illegible]	53.1	55.5	56.4	56.4	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
[illegible]	52.5	[illegible]	56.4	57.4	57.4	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
[illegible]	[illegible]	[illegible]	59.5	[illegible]	[illegible]	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
[illegible]	[illegible]	[illegible]	63.7	64.3	64.5	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
[illegible]	64.3	[illegible]	[illegible]	71.2	71.2	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
[illegible]	66.5	[illegible]	72.1	73.7	73.8	74.3	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
[illegible]	70.4	71.4	75.7	78.7	79.1	79.5	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	[illegible]
[illegible]	73.5	79.6	83.8	84.0	86.7	87.6	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	[illegible]
[illegible]	76.7	[illegible]	85.9	87.4	89.1	90.2	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
[illegible]	77.1	87.7	88.7	89.1	89.9	91.2	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
[illegible]	78.2	[illegible]	87.9	90.4	91.4	93.1	94.2	[illegible]	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
[illegible]	78.9	[illegible]	88.7	91.4	[illegible]	94.2	95.3	95.4	95.8	[illegible]	95.8	95.8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	79.1	83.2	89.6	92.4	[illegible]	[illegible]	96.5	96.7	97.5	97.6	97.6	97.6	97.6	97.6	97.6	[illegible]
[illegible]	79.1	83.4	[illegible]	93.1	94.2	96.3	97.6	[illegible]	98.9	[illegible]	[illegible]	[illegible]	99.	[illegible]	[illegible]	[illegible]
[illegible]	79.2	[illegible]	[illegible]	93.4	94.5	96.5	98.2	[illegible]	99.5	[illegible]	99.6	99.6	99.6	99.6	99.6	[illegible]
[illegible]	79.2	[illegible]	[illegible]	93.5	94.6	96.7	98.4	[illegible]	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	79.2	[illegible]	[illegible]	93.5	94.6	96.7	98.5	98.9	99.7	[illegible]	[illegible]	99.9	[illegible]	99.9	[illegible]	[illegible]
[illegible]	79.2	[illegible]	[illegible]	93.5	94.7	[illegible]	98.6	[illegible]	99.5	99.9	99.9	100.0	100.0	100.0	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	93.5	94.7	96.9	98.5	[illegible]	99.8	[illegible]	99.9	100.0	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 31

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	24.4	[illegible]	[illegible]	27.7	28.7	[illegible]	30.4	31.0	31.0	31.1	31.7	31.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.1	[illegible]	32.4	34.2	35.5	37.1	37.7	38.5	38.5	38.7	38.8	38.8	38.8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.1	32.2	32.4	34.2	35.5	37.1	37.	38.5	38.5	38.7	38.8	38.8	38.8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.1	32.2	32.4	34.2	35.5	37.1	37.	38.5	38.5	38.7	38.8	38.8	38.8	[illegible]	[illegible]	[illegible]
[illegible]	25.3	27.1	30.2	32.4	34.4	35.6	37.2	38.7	38.7	38.7	38.8	38.9	39.	39.7	39.	[illegible]	[illegible]
[illegible]	21.5	27.7	31.1	33.7	35.3	36.5	38.2	39.1	39.7	39.7	39.5	39.9	40.	[illegible]	[illegible]	[illegible]	[illegible]
15.2	26.6	29.	32.7	35.5	37.4	37.7	40.5	41.	42.7	42.7	42.1	42.7	42.	43.7	42.3	[illegible]	[illegible]
15.4	27.1	29.6	33.4	36.7	38.2	39.5	41.4	42.7	42.9	42.7	43.7	43.2	43.7	43.7	43.7	[illegible]	[illegible]
[illegible]	27.2	29.	33.7	36.6	38.5	39.5	41.5	42.9	43.3	43.7	43.4	43.7	43.7	43.7	[illegible]	[illegible]	[illegible]
[illegible]	27.5	30.	34.4	37.3	39.2	40.5	42.5	43.4	44.1	44.1	44.2	44.4	44.5	44.5	44.5	[illegible]	[illegible]
17.5	[illegible]	31.7	35.7	38.7	40.6	41.5	44.1	45.7	45.5	45.9	46.	46.7	46.4	46.7	46.7	[illegible]	[illegible]
19.1	31.3	34.7	37.7	42.4	44.7	45.7	48.2	49.7	50.1	50.1	50.3	50.5	50.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	33.1	37.5	39.6	43.5	46.3	47.5	50.5	51.7	52.7	52.7	52.3	52.5	52.5	52.7	52.7	[illegible]	[illegible]
[illegible]	33.6	37.7	42.2	45.3	49.1	50.3	52.7	53.5	54.9	54.9	55.1	55.3	55.4	55.5	[illegible]	[illegible]	[illegible]
20.2	34.7	39.7	43.4	47.7	51.7	52.7	54.5	55.7	56.7	56.7	56.9	57.1	57.3	57.4	57.4	[illegible]	[illegible]
21.5	37.4	41.4	46.6	51.1	54.2	55.6	58.5	59.3	60.3	60.2	60.5	61.3	61.5	61.7	61.7	[illegible]	[illegible]
22.5	38.1	43.4	47.2	53.6	56.9	58.3	61.3	62.7	63.3	63.7	63.5	63.7	63.7	63.5	63.5	[illegible]	[illegible]
[illegible]	43.4	48.7	54.2	58.9	61.5	64.1	67.2	68.2	69.5	69.6	69.8	70.1	70.2	70.3	70.3	[illegible]	[illegible]
[illegible]	45.7	57.	56.7	61.3	65.1	66.7	69.7	71.	72.4	72.4	72.7	72.9	73.	73.1	73.1	[illegible]	[illegible]
[illegible]	47.	52.5	56.4	63.2	67.0	69.6	71.6	73.	74.5	74.5	74.7	74.9	75.1	75.2	75.2	[illegible]	[illegible]
27.5	49.4	55.5	61.5	65.7	70.6	72.2	75.6	76.7	76.3	77.7	77.6	78.5	78.5	79.1	79.	[illegible]	[illegible]
28.	[illegible]	57.7	63.7	67.9	73.2	74.5	78.	79.7	80.7	80.7	81.3	81.2	81.	81.4	81.4	[illegible]	[illegible]
[illegible]	[illegible]	59.2	65.1	70.4	74.5	76.1	79.6	81.	82.5	82.5	82.8	83.0	83.1	83.2	83.1	[illegible]	[illegible]
[illegible]	51.7	59.7	66.2	71.5	75.7	77.4	81.5	81.7	84.5	84.5	84.7	84.9	85.	85.1	85.1	[illegible]	[illegible]
[illegible]	52.5	60.7	67.2	73.1	77.6	79.7	83.3	84.7	86.4	86.4	86.6	86.8	87.	87.1	87.1	[illegible]	[illegible]
[illegible]	51.1	61.3	65.7	74.9	79.6	81.6	85.9	87.7	89.5	89.2	89.5	89.7	89.5	89.9	89.9	[illegible]	[illegible]
31.1	53.6	62.1	71.2	76.3	81.5	83.2	87.9	89.5	91.2	91.4	91.6	91.8	92.	92.1	92.1	[illegible]	[illegible]
[illegible]	53.7	63.4	73.4	77.6	[illegible]	85.4	90.4	92.1	93.5	94.7	94.2	94.4	94.5	94.7	94.7	[illegible]	[illegible]
[illegible]	53.7	63.7	73.7	79.7	83.2	86.6	92.3	94.	95.9	96.1	96.4	96.6	96.7	96.9	96.9	[illegible]	[illegible]
[illegible]	53.5	63.7	73.7	79.7	83.2	86.5	92.9	94.9	97.2	97.4	97.6	97.3	98.	98.1	98.1	[illegible]	[illegible]
[illegible]	53.7	63.7	73.7	79.7	83.2	86.5	93.3	95.4	97.7	98.1	98.3	98.5	98.6	98.9	98.9	[illegible]	[illegible]
[illegible]	53.7	63.	73.7	79.7	83.2	86.5	93.1	95.6	98.7	99.4	98.9	99.1	99.7	99.7	99.7	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 81

[illegible] AL CLIMATOLOGY BRANCH
[illegible]FETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-[illegible]

[illegible]	17.4	[illegible]	[illegible]	[illegible]	[illegible]	2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	24.[illegible]	27.6	30.5	31.6	32.5	33.1	33.[illegible]	34.[illegible]	[illegible]	[illegible]	[illegible]	35.1	35.1	35.4
17.[illegible]	22.6	24.6	27.6	30.5	31.6	32.5	33.1	33.[illegible]	34.9	35.	35.	[illegible]	35.1	35.1	35.4
17.9	22.6	24.6	27.6	30.5	31.6	32.5	33.1	33.[illegible]	34.[illegible]	35.[illegible]	35.[illegible]	[illegible]	35.1	35.1	35.4
[illegible]	23.1	24.[illegible]	26.1	31.0	32.2	33.1	33.5	34.7	35.5	35.7	[illegible]	[illegible]	[illegible]	[illegible]	36.1
24.[illegible]	24.1	25.	29.6	32.8	34.[illegible]	34.[illegible]	35.6	35.[illegible]	37.5	37.[illegible]	37.[illegible]	37.5	37.7	37.7	[illegible]
2[illegible]	25.[illegible]	27.1	31.[illegible]	34.3	35.7	36.[illegible]	37.7	38.[illegible]	39.[illegible]	39.[illegible]	39.9	39.9	40.[illegible]	40.[illegible]	40.3
[illegible]	25.1	27.[illegible]	3[illegible]	34.5	36.[illegible]	37.1	38.3	39.1	40.3	40.[illegible]	40.4	40.4	40.	40.7	41.[illegible]
19.5	25.4	27.[illegible]	31.3	35.[illegible]	36.[illegible]	37.5	38.7	39.[illegible]	40.[illegible]	41.	41.	41.	41.[illegible]	41.7	41.[illegible]
[illegible]	[illegible]	27.[illegible]	31.[illegible]	35.2	36.7	37.3	39.[illegible]	39.9	41.1	41.[illegible]	41.[illegible]	41.[illegible]	41.	41.4	41.[illegible]
[illegible]	[illegible]	2[illegible]	[illegible]	36.4	37.6	39.[illegible]	40.[illegible]	41.7	42.7	42.[illegible]	42.[illegible]	43.	43.1	43.3	43.6
20.3	27.5	3[illegible]	34.[illegible]	[illegible]	41.2	41.7	43.[illegible]	44.4	45.9	46.[illegible]	46.1	46.[illegible]	46.[illegible]	46.4	46.[illegible]
[illegible]	[illegible]	31.	35.[illegible]	4[illegible]	43.[illegible]	44.5	45.9	47.2	48.7	49.3	49.9	49.[illegible]	[illegible]	49.7	[illegible]
[illegible]	30.9	33.[illegible]	37.9	4[illegible]	45.6	47.5	48.9	[illegible]	51.[illegible]	51.9	52.	52.1	52.[illegible]	52.3	52.7
[illegible]	3[illegible].3	37.7	39.4	44.5	47.[illegible]	49.2	[illegible].7	[illegible]	53.6	53.7	53.8	53.9	54.[illegible]	54.1	54.5
[illegible]	34.[illegible]	37.[illegible]	42.0	47.2	49.[illegible]	51.9	53.7	55.2	55.6	56.7	56.9	57.	57.1	57.2	57.3
21.[illegible]	37.5	4[illegible]	45.4	50.6	53.3	55.3	57.2	[illegible].7	58.1	60.4	60.5	60.6	60.7	[illegible]	61.2
23.7	4[illegible]	4[illegible]	51.2	56.5	59.[illegible]	61.4	63.5	6[illegible]	66.[illegible]	66.7	66.8	66.[illegible]	67.[illegible]	67.[illegible]	67.5
2[illegible]	44.1	47.[illegible]	52.9	53.4	[illegible]	63.[illegible]	65.9	67.4	68.9	69.[illegible]	69.3	69.4	[illegible]	69.5	70.[illegible]
[illegible].7	45.5	47.[illegible]	54.7	[illegible]	[illegible].3	6[illegible].5	67.7	69.2	70.6	71.[illegible]	71.3	71.5	71.[illegible]	71.7	[illegible]
[illegible].3	4[illegible].7	53.7	59.5	[illegible].3	68.[illegible]	71.1	73.5	75.[illegible]	76.9	77.[illegible]	77.5	77.6	77.[illegible]	77.9	78.1
[illegible]	51.5	55.[illegible]	61.9	[illegible]	71.7	74.1	75.7	78.[illegible]	80.[illegible]	80.4	80.5	[illegible].6	80.7	80.9	81.2
[illegible]	52.5	57.[illegible]	63.4	69.4	73.3	75.8	78.6	80.2	81.9	82.[illegible]	82.4	82.6	82.7	82.8	83.1
[illegible].1	53.3	58.3	64.5	71.3	75.2	77.8	80.5	82.[illegible]	84.1	84.[illegible]	84.7	84.8	84.9	85.1	[illegible].4
[illegible].2	53.7	59.1	[illegible].6	72.5	75.3	79.5	82.3	83.[illegible]	85.5	86.4	86.[illegible]	86.5	86.7	86.9	[illegible]
[illegible]	54.[illegible]	[illegible]	66.6	73.6	77.6	81.3	84.4	86.1	88.[illegible]	88.6	88.7	88.8	88.9	89.	89.4
[illegible]	54.2	5[illegible]	66.9	74.2	76.7	82.8	86.1	87.9	89.7	9[illegible]	9[illegible].4	9[illegible].5	90.6	90.7	91.1
[illegible].3	54.4	6[illegible]	[illegible].3	74.7	79.5	83.9	87.7	89.5	91.5	92.[illegible]	92.5	92.6	92.8	92.9	93.[illegible]
[illegible].3	54.4	6[illegible]	67.3	75.1	[illegible].4	[illegible].2	85.2	91.[illegible]	93.7	94.7	94.9	95.[illegible]	95.1	95.2	95.5
[illegible]	[illegible].4	6[illegible]	67.3	75.1	[illegible].7	85.7	90.[illegible]	92.4	95.5	96.6	96.5	96.9	97.1	97.2	97.6
[illegible].3	54.4	6[illegible]	67.[illegible]	75.1	[illegible].7	85.7	90.[illegible]	92.4	95.5	96.[illegible]	97.3	97.5	97.7	97.9	[illegible]
[illegible].3	[illegible].4	6[illegible]	67.[illegible]	[illegible]	[illegible].7	85.7	90.[illegible]	92.[illegible]	95.6	96.9	97.6	97.9	98.1	98.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] NORTON [illegible] 73-8[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15.	[illegible]	24.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15.	[illegible]	24.1	[illegible]	24.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15.	21.9	24.1	25.5	27.7	29.2	29.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15.6	21.6	[illegible]	2[illegible].7	27.6	30.1	30.5	31.0	31.1	31.2	31.[illegible]	31.2	31.2	31.2	31.2	31.2
17.7	[illegible]	25.4	[illegible]	31.2	31.	32.2	32.[illegible]	32.7	32.3	32.[illegible]	32.8	32.8	32.8	32.8	32.8
1[illegible].1	[illegible]	27.3	[illegible]	32.7	33.1	33.7	34.	34.1	34.2	34.[illegible]	34.2	34.2	34.2	34.2	34.2
1[illegible].4	26.[illegible]	[illegible]	3[illegible].7	33.9	34.4	34.[illegible]	35.3	35.4	35.5	35.[illegible]	35.[illegible]	35.5	35.5	35.5	35.5
[illegible]	27.1	[illegible]	31.1	34.[illegible]	34.7	35.3	35.5	35.7	35.8	35.[illegible]	35.8	35.8	35.8	35.8	35.8
[illegible]	27.2	[illegible]	31.3	34.5	34.9	35.5	35.8	35.[illegible]	36.	36.	36.[illegible]	36.	36.	36.[illegible]	36.[illegible]
[illegible].3	[illegible].5	31.1	33.6	[illegible].1	37.6	38.2	38.5	38.[illegible]	38.8	38.[illegible]	38.6	38.5	38.[illegible]	38.[illegible]	38.[illegible]
[illegible]1.7	[illegible]2.3	34.	37.5	41.4	42.1	42.7	43.4	43.[illegible]	43.7	43.7	43.7	43.7	43.7	43.7	43.7
[illegible]	35.3	37.1	41.1	4[illegible].1	45.9	46.4	47.2	47.[illegible]	47.6	47.[illegible]	47.[illegible]	47.6	47.[illegible]	47.5	47.[illegible]
[illegible].3	35.4	40.[illegible]	44.5	46.6	49.4	49.9	50.7	51.	51.1	51.1	51.1	51.1	51.1	51.1	51.1
[illegible]	41.[illegible]	42.[illegible]	47.[illegible]	51.1	51.9	52.4	53.4	53.7	53.8	53.[illegible]	53.8	53.8	53.[illegible]	53.8	53.[illegible]
31.	4[illegible].2	47.1	51.[illegible]	53.6	56.4	56.9	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.[illegible]
[illegible]6.2	5[illegible].6	52.7	57.2	61.2	62.0	62.6	63.6	63.8	64.0	64.0	64.0	64.[illegible]	64.	64.[illegible]	64.
41.[illegible]	5[illegible].1	6[illegible].3	64.9	69.[illegible]	69.6	70.5	71.5	71.6	71.9	71.[illegible]	71.9	71.9	71.[illegible]	71.[illegible]	71.[illegible]
44.4	62.[illegible]	64.[illegible]	69.[illegible]	73.4	74.2	74.9	75.9	76.2	76.3	76.7	76.3	76.3	76.3	76.3	76.[illegible]
46.1	65.6	69.[illegible]	73.3	77.9	78.6	79.3	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
47.9	69.[illegible]	72.7	75.[illegible]	82.[illegible]	83.6	84.5	85.6	85.[illegible]	85.[illegible]	86.[illegible]	86.	86.[illegible]	86.	86.[illegible]	86.
4[illegible]	70.5	74.1	79.9	85.2	86.2	87.2	88.4	88.6	88.8	88.6	88.6	88.5	88.[illegible]	88.8	88.[illegible]
4[illegible].1	71.5	75.7	81.[illegible]	86.7	88.[illegible]	89.2	90.4	90.6	90.8	90.8	90.8	90.6	90.[illegible]	90.8	90.[illegible]
4[illegible].1	72.7	75.4	82.6	86.5	89.9	91.0	92.[illegible]	93.1	93.3	93.[illegible]	93.3	93.3	93.3	93.3	93.[illegible]
4[illegible]	73.[illegible]	76.7	83.2	87.[illegible]	90.[illegible]	92.3	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.[illegible]
4[illegible]	73.2	77.1	83.6	90.4	92.2	94.[illegible]	95.5	95.7	96.2	96.2	96.2	95.2	96.[illegible]	96.[illegible]	96.[illegible]
4[illegible]	73.2	77.[illegible]	83.7	90.8	92.9	94.9	95.5	96.8	97.3	97.3	97.3	97.3	97.3	97.[illegible]	97.[illegible]
4[illegible]	73.2	77.1	83.7	91.1	93.3	95.4	96.9	97.3	97.9	97.9	97.9	97.9	97.[illegible]	97.[illegible]	97.[illegible]
4[illegible]	73.2	77.1	83.7	91.1	93.3	95.5	97.2	97.[illegible]	98.3	98.6	98.6	98.6	98.6	98.6	98.6
4[illegible]	73.2	77.1	83.7	91.1	93.3	95.6	97.5	97.[illegible]	98.5	99.2	99.2	99.3	99.[illegible]	99.7	99.[illegible]
4[illegible]	73.2	77.1	83.7	91.1	93.3	95.6	97.5	97.[illegible]	98.5	99.2	99.2	99.4	99.[illegible]	99.7	99.[illegible]
4[illegible]	7[illegible].2	77.1	83.7	91.1	93.3	95.6	97.5	97.[illegible]	98.5	99.[illegible]	99.2	99.4	99.5	99.7	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER [illegible]/MAC

CEILING VERSUS VISIBILITY

[illegible] GRIFFISS AFB [illegible] 73-[illegible] [illegible]

[illegible]

[illegible]	17.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	25.8	26.7	[illegible]	[illegible]	[illegible]	27.6	27.6	28.5	27.6	28.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	25.9	26.8	[illegible]	[illegible]	[illegible]	29.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	25.9	26.8	[illegible]	[illegible]	[illegible]	29.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	25.9	[illegible]	[illegible]	[illegible]	[illegible]	29.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	26.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	31.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
[illegible]	32.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
[illegible]	34.9	34.9	36.2	37.0	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
[illegible]	35.5	37.2	38.9	[illegible]	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
[illegible]	43.6	44.1	47.1	48.1	48.9	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
[illegible]	46.2	47.4	52.0	53.0	53.5	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
[illegible]	51.5	57.3	55.4	56.6	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
[illegible]	55.2	56.8	59.2	60.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
[illegible]	59.7	61.4	63.6	65.3	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
[illegible]	66.6	71.7	73.5	75.3	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
[illegible]	76.3	78.9	82.1	84.2	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	[illegible]
[illegible]	78.3	81.2	85.3	87.4	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
[illegible]	81.6	84.5	88.1	90.3	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	[illegible]
[illegible]	85.0	85.5	89.8	92.2	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	[illegible]
[illegible]	86.7	86.7	90.7	93.1	93.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	[illegible]
[illegible]	87.7	91.3	93.8	94.6	95.0	95.3	95.7	95.7	95.7	95.7	95.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	[illegible]
[illegible]	88.[illegible]	92.0	94.8	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	[illegible]
[illegible]	88.[illegible]	92.3	95.2	96.2	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	[illegible]
[illegible]	88.[illegible]	92.9	96.0	97.3	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	[illegible]
[illegible]	88.[illegible]	93.1	96.8	97.6	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	[illegible]
[illegible]	88.[illegible]	93.2	97.0	98.1	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	[illegible]
[illegible]	88.[illegible]	93.2	97.0	98.1	98.7	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	88.[illegible]	93.2	97.1	98.1	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	88.[illegible]	93.2	97.0	98.1	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	88.[illegible]	93.2	97.0	98.1	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible] 7[illegible]

2

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-8[illegible] AP[illegible]

[illegible]	24.5	25.3	25.5	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
32.7	37.9	38.8	39.1	39.6	39.6	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
32.7	37.9	38.8	39.1	39.6	39.6	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
32.7	37.9	38.8	39.1	39.6	39.6	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
32.8	38.2	39.1	39.3	39.9	39.9	39.9	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
34.2	39.9	40.8	41.1	41.7	41.7	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
36.8	43.4	44.5	45.3	45.5	45.6	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
37.2	43.8	45.2	45.5	46.3	46.4	46.5	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
37.4	44.2	45.3	46.1	46.7	46.8	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
37.7	44.5	45.3	46.4	47.0	47.1	47.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
40.4	46.8	49.4	50.1	50.6	50.8	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
47.2	58.8	60.5	61.8	62.4	62.6	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
55.6	63.2	65.2	66.4	67.3	67.5	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
[illegible]	68.2	70.7	71.5	72.4	72.6	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
65.8	71.5	73.5	74.7	75.7	75.9	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
[illegible]	74.9	77.1	78.4	79.3	79.5	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
[illegible]	79.2	81.8	83.1	84.1	84.4	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
62.5	83.9	85.5	87.1	88.3	88.6	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
63.2	84.0	86.9	88.4	89.7	89.9	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
63.3	85.1	88.7	89.9	91.3	91.6	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
63.3	87.3	90.9	93.3	94.8	95.4	95.7	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
63.9	88.1	92.0	94.7	96.4	96.7	97.3	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
63.9	88.3	92.2	94.9	96.6	97.2	97.5	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
64.0	88.6	92.5	95.6	97.5	98.1	98.4	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
64.1	88.8	92.6	95.6	97.6	98.3	98.8	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
64.1	88.8	92.6	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
64.1	88.8	92.6	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
64.1	88.8	92.6	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
64.1	88.8	92.6	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
64.1	88.8	92.6	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
64.1	88.8	92.6	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

[illegible] NORTON RAF [illegible]

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	31.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	45.1	[illegible]	47.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	45.1	[illegible]	47.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48.9	48.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	45.1	[illegible]	47.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48.9	48.9	48.9	48.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49.7	49.7	49.7	49.7	49.7	49.7	[illegible]
34.3	[illegible]	[illegible]	[illegible]	51.6	[illegible]	[illegible]	[illegible]	52.1	52.3	52.7	[illegible]	[illegible]	52.3	[illegible]	[illegible]
[illegible]	[illegible]	51.1	52.9	[illegible]	[illegible]	54.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	51.2	53.3	[illegible]	[illegible]	[illegible]	55.2	55.4	55.5	[illegible]	[illegible]	[illegible]	[illegible]	55.5	[illegible]
[illegible]	[illegible]	[illegible]	53.5	54.8	[illegible]	55.2	55.4	55.7	[illegible]	[illegible]	[illegible]	55.6	55.6	55.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.2	56.3	56.3	56.3	56.3	56.3	[illegible]	[illegible]
[illegible]	52.3	[illegible]	56.1	57.4	57.6	[illegible]	[illegible]	[illegible]	58.5	[illegible]	58.6	58.6	[illegible]	58.6	[illegible]
41.3	[illegible]	[illegible]	64.1	65.4	[illegible]	66.4	[illegible]	[illegible]	67.0	67.0	67.0	67.0	[illegible]	[illegible]	[illegible]
43.4	63.1	[illegible]	[illegible]	[illegible]	[illegible]	71.3	71.5	71.7	71.8	71.8	71.8	71.8	[illegible]	71.9	71.9
[illegible]	[illegible]	[illegible]	71.5	73.6	73.9	[illegible]	75.1	[illegible]	75.5	75.5	[illegible]	75.5	[illegible]	[illegible]	[illegible]
[illegible]	68.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.3	77.5	77.6	77.6	77.6	77.6	[illegible]	[illegible]	77.6
[illegible]	72.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.9	81.9	81.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	84.3	84.5	85.5	[illegible]	[illegible]	86.1	86.1	86.1	86.1	86.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	87.8	[illegible]	[illegible]	[illegible]	[illegible]	89.5	89.8	[illegible]	89.8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	89.6	[illegible]	[illegible]	91.5	91.7	91.9	[illegible]	91.9	91.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	83.6	87.6	[illegible]	[illegible]	[illegible]	[illegible]	92.6	[illegible]	[illegible]	92.6	[illegible]	[illegible]	[illegible]	[illegible]
84.5	[illegible]	[illegible]	[illegible]	92.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.2	[illegible]	95.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.6	95.9	[illegible]	96.3	96.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
84.5	[illegible]	[illegible]	[illegible]	94.5	[illegible]	96.3	96.6	[illegible]	[illegible]	[illegible]	[illegible]	96.9	96.9	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	91.7	95.4	[illegible]	[illegible]	97.5	97.7	[illegible]	[illegible]	97.9	97.9	97.9	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	91.9	95.5	[illegible]	[illegible]	97.7	[illegible]	[illegible]	98.1	[illegible]	98.1	[illegible]	98.1	[illegible]
[illegible]	[illegible]	[illegible]	92.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.1	99.1	99.1	99.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	92.4	[illegible]	[illegible]	96.5	[illegible]	[illegible]	99.4	99.4	99.4	99.4	99.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.9	99.4	[illegible]	99.9	[illegible]	[illegible]	99.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.4	[illegible]	99.9	99.9	[illegible]	[illegible]	99.9	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	92.4	96.5	97.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	92.4	96.5	97.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	92.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	35.7	37.[illegible]	39.[illegible]	41.1	[illegible]	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
[illegible]	41.1	45.6	48.[illegible]	49.8	[illegible]	51.7	52.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	[illegible]
33.4	43.2	45.7	48.[illegible]	49.9	[illegible]	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
33.4	43.2	45.7	48.1	49.9	[illegible]	51.7	[illegible]	[illegible]	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
[illegible]	43.5	46.1	48.6	51.4	51.1	51.7	51.8	51.7	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
[illegible]	44.2	46.7	49.2	51.1	51.7	52.0	52.0	52.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
[illegible]	46.3	48.7	51.9	53.9	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
[illegible]	46.5	49.3	52.1	54.1	54.[illegible]	55.2	55.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
52.5	46.6	49.4	52.2	54.2	54.9	55.3	55.3	55.7	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
[illegible]	47.1	49.9	53.[illegible]	55.3	56.0	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
[illegible]	49.5	[illegible]	55.[illegible]	56.3	59.1	59.6	59.7	59.7	60.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	54.8	56.[illegible]	62.[illegible]	67.5	66.0	66.2	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
[illegible]	56.4	6[illegible]	64.9	67.4	69.2	69.9	70.3	70.7	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7
[illegible]	57.5	61.[illegible]	66.4	7[illegible].1	71.[illegible]	71.5	72.[illegible]	72.[illegible]	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
[illegible]	58.7	67.[illegible]	67.6	71.7	72.4	73.1	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
[illegible]	60.[illegible]	65.7	71.3	74.2	75.[illegible]	75.7	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
61.1	63.2	69.6	77.6	77.8	78.6	79.3	79.8	79.[illegible]	80.0	80.7	80.[illegible]	80.[illegible]	80.[illegible]	80.7	80.7	[illegible]
62.7	67.4	77.[illegible]	7[illegible].3	82.9	83.9	84.6	85.[illegible]	85.[illegible]	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
67.[illegible]	68.7	74.4	79.6	84.3	85.3	85.9	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
67.[illegible]	69.6	75.4	8[illegible].7	85.7	86.7	87.5	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
68.[illegible]	71.4	77.4	83.[illegible]	88.8	89.6	91.7	91.6	91.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
68.7	7[illegible].2	7[illegible].4	84.4	90.3	91.[illegible]	91.9	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
68.7	72.7	7[illegible].7	84.6	91.7	91.9	92.7	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
69.[illegible]	73.[illegible]	7[illegible].8	85.4	91.8	92.[illegible]	93.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
69.[illegible]	73.6	8[illegible].1	86.4	92.9	94.[illegible]	95.3	96.1	96.1	96.3	96.7	96.3	96.3	96.3	96.3	96.3	96.3
69.7	73.[illegible]	8[illegible].7	86.6	93.4	94.6	96.[illegible]	96.7	96.7	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]
69.[illegible]	74.1	87.7	87.2	93.9	95.2	96.6	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
69.7	74.[illegible]	87.[illegible]	7.4	94.3	[illegible].5	97.3	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
69.7	74.4	81.[illegible]	87.5	94.5	95.7	97.2	98.[illegible]	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
69.7	74.4	81.[illegible]	7.6	94.6	95.8	97.3	99.[illegible]	99.[illegible]	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.[illegible]	74.4	81.[illegible]	87.6	94.6	95.8	97.3	99.[illegible]	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
69.[illegible]	74.4	81.[illegible]	87.6	94.6	95.8	97.3	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

[illegible] NUMBER OF OBSERVATIONS 883

1 [illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]

[illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	31.[illegible]	33.[illegible]	36.[illegible]	39.1	[illegible]	41.7	[illegible]	42.[illegible]	42.[illegible]	43.1	43.1	43.2	43.2	[illegible]	[illegible]
[illegible]	35.[illegible]	47.[illegible]	44.3	47.5	49.9	51.3	52.1	52.3	52.5	52.7	52.7	52.8	52.8	[illegible]	[illegible]
[illegible]	38.2	47.[illegible]	44.4	47.6	50.[illegible]	51.1	52.2	52.3	52.6	52.8	52.8	52.9	52.9	52.9	[illegible]
[illegible]	35.[illegible]	47.[illegible]	44.4	47.8	50.[illegible]	51.1	52.2	52.3	52.6	52.8	52.8	52.9	52.9	[illegible]	[illegible]
[illegible]	3[illegible].2	41.1	44.7	47.8	50.2	51.3	52.4	52.[illegible]	52.8	53.1	53.1	53.2	53.2	53.2	53.2
[illegible]	3[illegible].3	47.4	46.1	47.[illegible]	51.[illegible]	52.9	54.0	54.1	54.5	54.7	54.7	54.8	54.8	54.8	[illegible]
[illegible]	[illegible]	43.8	47.[illegible]	5[illegible].5	[illegible]	54.6	55.5	55.9	56.2	56.4	56.4	56.5	56.5	56.5	56.5
[illegible]	4[illegible].5	43.[illegible]	47.5	51.2	[illegible]	55.6	56.5	56.5	57.2	57.4	57.4	57.5	57.5	57.5	57.[illegible]
[illegible]	41.3	44.1	47.6	51.6	54.5	56.7	57.3	57.4	57.7	58.[illegible]	58.[illegible]	58.1	58.1	58.1	[illegible]
[illegible]	41.1	44.3	4[illegible].1	52.1	55.2	56.4	57.7	57.8	58.2	58.4	58.4	58.5	58.5	58.5	58.[illegible]
[illegible]	42.[illegible]	46.[illegible]	[illegible].3	54.4	57.6	58.[illegible]	60.1	60.2	60.6	60.9	60.[illegible]	61.2	61.[illegible]	[illegible].9	61.[illegible]
[illegible]	46.1	4[illegible].5	53.5	59.7	62.2	63.5	65.2	65.1	65.5	65.7	65.7	65.8	65.[illegible]	65.8	65.[illegible]
7.1	47.8	51.5	56.[illegible]	[illegible].8	64.3	65.6	67.1	67.2	67.5	67.8	67.8	67.9	67.9	67.9	67.[illegible]
7.7	49.1	53.[illegible]	[illegible]	62.[illegible]	66.3	67.6	69.2	69.3	69.6	69.8	69.8	69.9	69.9	69.9	69.[illegible]
[illegible].1	49.7	53.9	5[illegible].7	63.6	67.1	68.4	69.9	70.[illegible]	71.4	72.6	7[illegible].6	7[illegible].7	7[illegible].7	7[illegible].7	7[illegible].7
[illegible].9	51.1	55.6	61.6	65.9	69.5	70.8	72.4	72.5	72.9	73.1	73.1	73.2	73.2	73.2	73.[illegible]
[illegible].3	52.5	57.[illegible]	62.7	67.9	71.5	72.8	74.4	74.5	74.8	75.1	75.1	75.2	75.2	75.2	75.[illegible]
[illegible]	55.5	6[illegible].5	65.6	71.8	75.4	76.7	78.[illegible]	78.4	78.8	79.[illegible]	79.[illegible]	79.1	79.1	79.1	79.1
1.4	56.4	61.[illegible]	67.4	72.8	76.5	77.5	79.4	79.5	79.8	80.1	8[illegible].1	80.2	80.2	8[illegible].2	80.2
[illegible].5	57.6	6[illegible].9	69.[illegible]	74.5	78.2	79.5	81.2	81.3	81.6	81.5	81.8	81.9	81.9	81.9	81.9
33.5	61.5	67.2	74.1	79.8	83.3	84.6	86.4	86.5	86.9	87.[illegible]	87.[illegible]	87.1	87.1	87.1	87.1
34.3	62.4	6[illegible].1	75.9	81.7	85.5	86.8	88.5	88.9	89.4	89.7	89.7	89.9	89.9	89.9	89.9
34.4	63.6	69.4	76.6	82.4	86.2	87.5	89.5	89.7	90.2	90.4	90.4	90.6	90.6	90.6	[illegible]
34.4	64.1	7[illegible]	77.5	83.2	87.[illegible]	88.3	90.[illegible]	90.[illegible]	91.2	91.4	91.4	91.6	91.6	91.6	91.6
34.4	64.3	7[illegible].5	78.2	84.[illegible]	87.9	89.2	91.6	91.7	92.3	92.5	92.5	92.7	92.7	92.7	92.7
34.4	64.7	71.1	79.1	85.1	89.2	90.7	93.1	93.2	93.8	94.[illegible]	94.[illegible]	94.2	94.2	94.2	94.2
34.4	64.8	71.4	79.3	85.7	90.1	91.7	94.2	94.3	95.[illegible]	95.2	95.2	95.4	95.4	95.4	[illegible].4
34.4	64.9	71.8	79.6	86.7	[illegible].1	92.9	95.6	95.8	96.5	96.7	96.7	96.9	96.9	96.9	96.9
34.4	64.9	71.8	79.6	86.7	91.3	93.4	96.3	96.6	97.4	97.5	97.6	97.9	97.9	97.9	97.9
34.4	64.9	71.8	[illegible]	86.8	91.5	93.6	96.9	97.4	98.1	98.5	98.6	99.0	99.[illegible]	99.[illegible]	99.[illegible]
34.4	64.9	71.8	[illegible]	86.8	91.5	93.6	96.9	97.4	98.3	98.6	98.6	99.2	99.3	99.3	99.5
34.4	64.9	71.8	79.6	86.8	91.5	93.6	96.9	97.4	98.3	98.6	98.6	99.5	99.5	99.5	100.

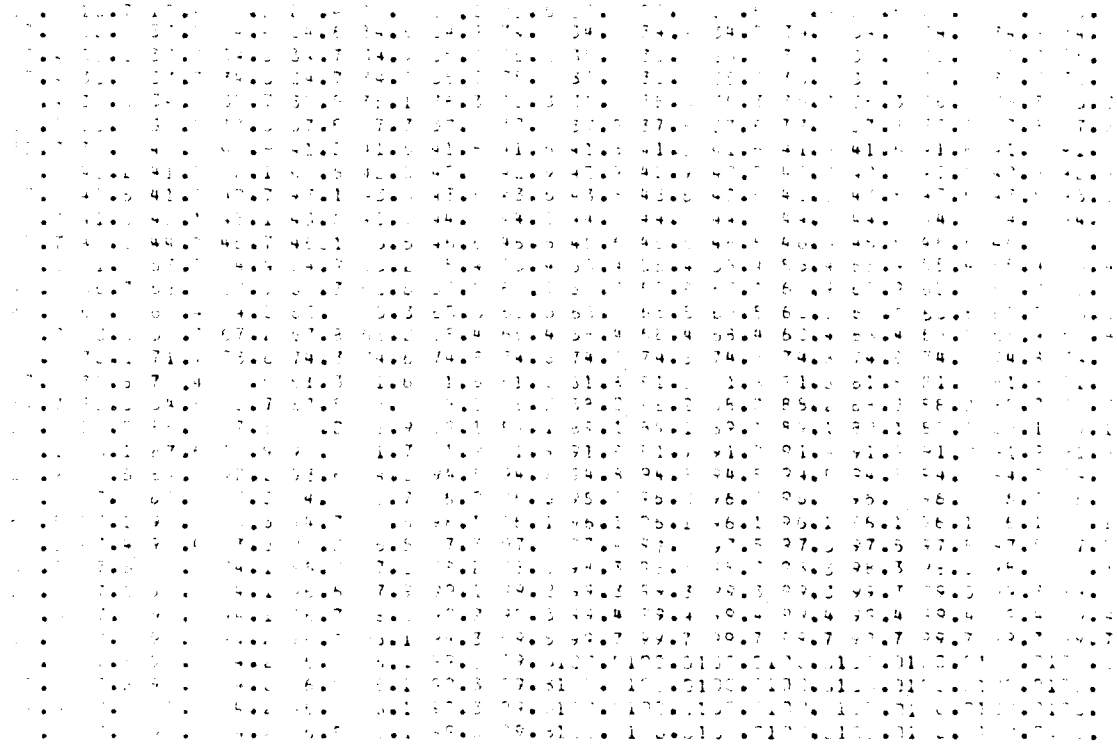
2

CEILING VERSUS VISIBILITY

[illegible]	17.[illegible]	1[illegible]	22.[illegible]	24.[illegible]	25.[illegible]	[illegible]	25.7	[illegible]	33.[illegible]	[illegible]	3[illegible].4	3[illegible].7	3[illegible]	[illegible]1.[illegible]	[illegible]
[illegible]	24.[illegible]	2[illegible]	[illegible]	3[illegible].9	[illegible]	[illegible]7.6	39.5	4[illegible]	41.2	41.4	41.[illegible]	42.0	42.[illegible]	4[illegible]	43.6
[illegible]	24.[illegible]	2[illegible]	3[illegible]	3[illegible]	3[illegible]	[illegible]7.5	39.5	4[illegible]	41.2	41.4	41.5	4[illegible]	42.[illegible]	4[illegible]	43.6
[illegible]	24.[illegible]	2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7.7	39.6	41.	41.[illegible]	41.5	41.6	4[illegible].1	42.4	4[illegible]	43.7
[illegible]	[illegible]	2[illegible]	31.2	[illegible].6	36.[illegible]	[illegible]	42.7	4[illegible]	42.4	42.[illegible]	42.7	4[illegible]	43.[illegible]	4[illegible].7	44.[illegible]
[illegible]	[illegible]	2[illegible]	32.1	[illegible].5	[illegible]8.9	4[illegible]	43.1	44.4	44.7	44.9	45.[illegible]	4[illegible].4	45.[illegible]	46.[illegible]	47.1
[illegible]	[illegible]	3[illegible]	[illegible]5.1	[illegible]7.6	41.6	[illegible]7.7	45.4	47.[illegible]	47.[illegible]	47.8	47.[illegible]	4[illegible].4	4[illegible]	4[illegible]	[illegible].1
[illegible]	[illegible]	31.[illegible]	35.3	[illegible]	[illegible]3.1	47.1	47.3	48.7	4[illegible]	49.2	4[illegible].7	4[illegible]	[illegible]	[illegible].4	[illegible]
[illegible]	[illegible].1	31.[illegible]	35.6	[illegible].7	43.[illegible]	45.3	47.5	4[illegible]	49.2	49.5	4[illegible]	[illegible]	[illegible].4	[illegible].7	[illegible].7
[illegible]	[illegible].1	31.[illegible]	35.6	[illegible].3	43.[illegible]	45.3	47.[illegible]	4[illegible]	4[illegible]	49.[illegible]	4[illegible]	[illegible]	[illegible].4	[illegible].7	[illegible].7
[illegible]	[illegible].7	3[illegible]	[illegible]	41.3	45.4	47.6	4[illegible]	[illegible]1.[illegible]	51.5	51.7	5[illegible]	52.3	[illegible].7	52.9	[illegible]4.
[illegible]	[illegible]	3[illegible]	41.[illegible]	[illegible]4.6	[illegible].5	[illegible]1.7	54.2	55.[illegible]	56.1	56.[illegible]	5[illegible].4	5[illegible]	57.7	57.[illegible]	[illegible]
[illegible]	[illegible]3.7	37.7	43.[illegible]	47.[illegible]	51.[illegible]	54.1	56.7	58.4	[illegible].7	59.9	5[illegible]	59.[illegible]	60.[illegible]	[illegible]	[illegible].7
[illegible]	[illegible]4.[illegible]	3[illegible]	44.[illegible]	4[illegible]	[illegible]3.1	55.4	58.1	59.[illegible]	6[illegible]	[illegible].4	6[illegible]	61.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible].7	39.	46.[illegible]	4[illegible]	54.[illegible]	[illegible]	59.7	61.4	61.7	61.9	62.[illegible]	[illegible].5	63.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]7.[illegible]	41.[illegible]	47.5	51.1	[illegible]6.4	[illegible]	61.6	63.7	64.[illegible]	64.2	64.3	64.9	65.[illegible]	[illegible]	[illegible]7.[illegible]
[illegible]	[illegible].3	44.[illegible]	51.3	[illegible]	[illegible].3	[illegible]	66.1	67.[illegible]	68.2	68.4	6[illegible].5	69.1	[illegible]9.[illegible]	[illegible]	71.[illegible]
[illegible]	43.7	4[illegible]	55.4	5[illegible].1	[illegible]4.4	67.[illegible]	70.3	7[illegible].1	72.5	72.7	72.8	73.3	74.1	74.3	[illegible]
[illegible]	44.[illegible]	4[illegible]	56.1	5[illegible]	[illegible].2	[illegible]7.8	71.[illegible]	72.[illegible]	73.2	73.4	[illegible].5	74.1	74.[illegible]	75.1	[illegible]
[illegible]	4[illegible].2	5[illegible].4	57.5	[illegible]1.4	[illegible].7	[illegible]	72.6	74.4	74.7	74.9	75.1	75.6	76.[illegible]	7[illegible]	77.[illegible]
[illegible]	4[illegible].7	52.3	59.7	[illegible].7	[illegible]	71.9	75.3	77.[illegible]	77.5	77.8	77.9	7[illegible].4	79.[illegible]	79.4	[illegible]
[illegible]	4[illegible]	54.[illegible]	[illegible]2.1	[illegible]6.3	7[illegible].1	74.8	7[illegible]	[illegible]	[illegible].5	[illegible].7	8[illegible].8	[illegible]1.3	[illegible]	[illegible]	[illegible]
[illegible]	4[illegible].8	56.	63.6	67.9	74.[illegible]	76.7	80.3	[illegible].4	82.[illegible]	83.[illegible]	[illegible].1	[illegible].5	[illegible]4.4	[illegible]4.[illegible]	[illegible]
[illegible]	[illegible].4	5[illegible]	65.[illegible]	[illegible].4	75.7	78.4	[illegible]2.1	[illegible]4.[illegible]	84.5	84.[illegible]	[illegible]4.9	85.6	86.[illegible]	[illegible].6	[illegible]7.7
[illegible]4.3	[illegible]1.2	57.[illegible]	65.1	7[illegible].5	[illegible]7.3	[illegible]	[illegible]3.9	[illegible].1	8[illegible].4	86.7	[illegible]	87.4	[illegible]8.[illegible]	[illegible]8.4	[illegible]
[illegible]4.3	[illegible].5	5[illegible]	66.5	71.1	73.3	81.3	85.4	87.7	88.[illegible]	88.4	8[illegible].5	89.2	89.[illegible]	9[illegible].1	91.[illegible]
[illegible]4.[illegible]	[illegible].6	5[illegible]	66.[illegible]	71.7	76.9	[illegible].1	85.7	89.[illegible]	89.5	89.7	89.8	9[illegible].5	91.[illegible]	91.4	[illegible]
[illegible]	[illegible].6	5[illegible]	67.[illegible]	7[illegible].2	79.5	83.1	86.[illegible]	9[illegible]	91.	91.2	91.3	9[illegible]	92.7	93.[illegible]	[illegible]4.[illegible]
[illegible]	[illegible].5	[illegible]	67.6	7[illegible]	[illegible].2	83.7	89.0	92.1	92.5	92.8	93.[illegible]	93.6	94.4	94.6	[illegible]
[illegible]	[illegible].6	5[illegible]	[illegible]7.6	7[illegible].6	[illegible].4	[illegible]3.9	89.5	92.7	93.7	94.1	94.5	94.9	95.7	95.[illegible]	97.1
[illegible]4.[illegible]	[illegible].5	5[illegible]	57.6	7[illegible].3	7[illegible].4	[illegible]3.9	89.7	9[illegible]	93.9	94.6	94.8	95.4	96.[illegible]	96.4	[illegible]
[illegible]	[illegible]	5[illegible]	57.5	7[illegible]	[illegible].4	[illegible]	89.7	9[illegible].	94.[illegible]	94.9	95.[illegible]	95.[illegible]	96.[illegible]	97.[illegible]	[illegible]

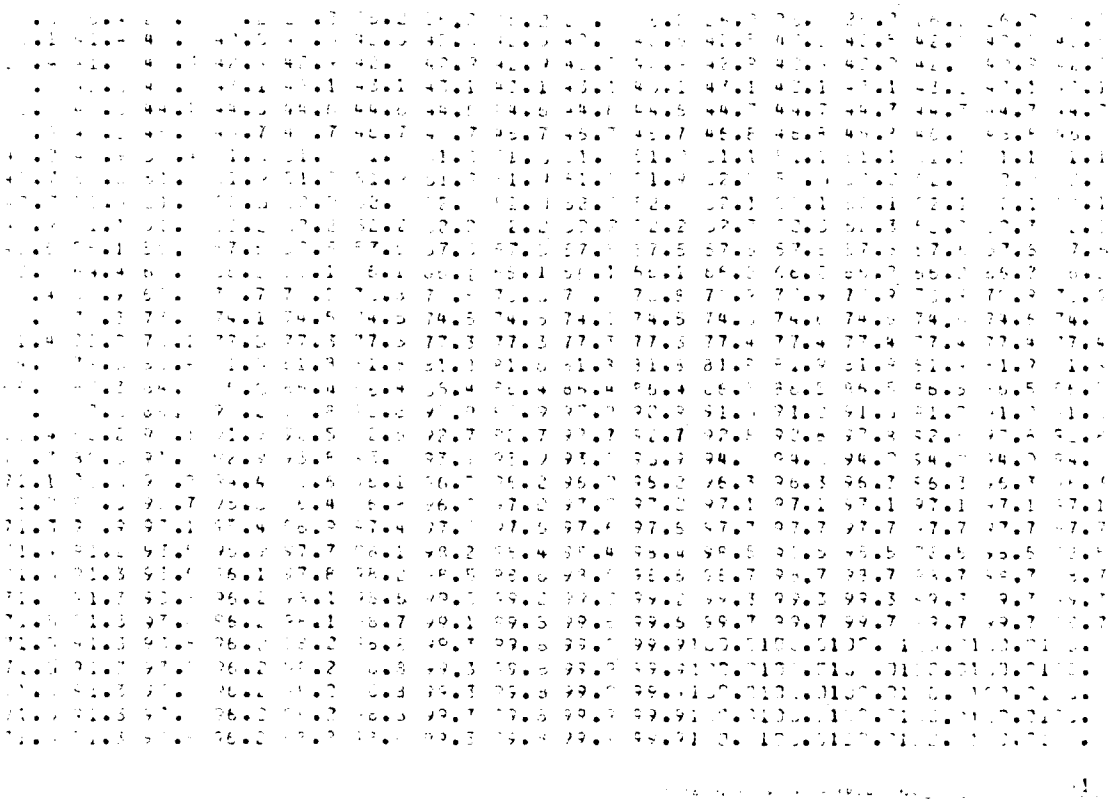
CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY



CEILING VERSUS VISIBILITY

[illegible]

[illegible]

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

[illegible]

[illegible]	34.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
[illegible]	[illegible]	47.1	[illegible]	52.6	[illegible]	[illegible]	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
51.7	46.1	47.1	[illegible]	52.6	53.1	[illegible]	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
51.7	46.1	47.1	[illegible]	52.6	53.1	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
[illegible]	46.4	47.4	51.6	52.9	53.4	53.6	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9
[illegible]	[illegible]	[illegible]	[illegible]	55.7	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
[illegible]	[illegible]	57.[illegible]	58.6	[illegible]	59.5	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
[illegible]	52.	54.	57.5	[illegible]	60.4	[illegible]	61.[illegible]	61.[illegible]	61.0	61.0	61.0	61.0	61.0	61.0	61.0
[illegible]	52.	54.[illegible]	57.6	[illegible]	[illegible]	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
[illegible]	52.2	[illegible]	57.6	60.1	[illegible]	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
[illegible]	54.1	55.[illegible]	59.9	62.2	62.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
[illegible]	56.1	61.[illegible]	64.6	67.1	67.6	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
61.2	[illegible]	67.[illegible]	68.4	69.1	69.7	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
[illegible]	[illegible]	68.7	69.3	72.[illegible]	72.7	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
63.[illegible]	[illegible]	66.1	70.4	73.2	73.9	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
[illegible]	65.2	67.4	74.[illegible]	77.0	77.7	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
[illegible]	67.2	71.	76.9	80.2	80.9	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
[illegible]	71.7	75.3	81.7	84.7	84.8	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
[illegible]	71.3	75.[illegible]	[illegible]	85.5	86.1	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
[illegible]	73.1	77.9	[illegible]	86.9	87.5	88.[illegible]	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
[illegible]	75.6	80.9	86.6	89.4	91.[illegible]	91.5	92.[illegible]	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
[illegible]	76.6	[illegible]	[illegible]	91.9	92.6	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
[illegible]	76.6	83.[illegible]	[illegible]	[illegible]	92.7	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
[illegible]	77.4	83.	89.[illegible]	93.1	93.9	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
[illegible]	77.9	83.[illegible]	89.6	93.8	94.3	95.[illegible]	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	[illegible]	83.7	[illegible]	94.4	95.3	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
[illegible]	78.3	85.[illegible]	[illegible]	94.6	95.6	96.1	96.3	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
[illegible]	78.5	84.[illegible]	91.0	95.4	96.0	96.7	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
[illegible]	71.6	84.[illegible]	[illegible]	95.7	96.2	97.4	98.1	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	78.5	84.[illegible]	[illegible]	95.7	96.9	97.4	98.5	98.6	99.0	99.2	99.5	99.5	99.5	99.5	[illegible]
[illegible]	78.6	84.7	[illegible]	95.7	96.9	97.4	98.5	98.8	99.5	99.7	99.9	99.9	99.9	99.9	99.9
[illegible]	78.5	84.[illegible]	[illegible]	95.7	96.9	97.4	98.5	98.9	99.5	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

☐

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] NINSTON [illegible] 73-8[illegible] MAY

ALL

17.	24.4	25.5	27.1	28.2	28.5	29.3	29.6	30.0	30.1	30.1	30.1	[illegible]	[illegible]	[illegible]	[illegible]
17.4	[illegible]	37.6	39.9	41.3	42.3	42.7	43.5	43.7	43.7	43.9	43.9	44.0	44.1	44.1	44.2
[illegible]	36.1	37.7	[illegible]	41.4	42.4	43.1	43.6	43.9	44.0	44.0	44.0	44.1	44.2	[illegible]	44.4
[illegible]	36.2	37.9	40.1	41.5	42.5	43.1	43.5	[illegible]	44.	44.1	44.1	44.2	44.2	[illegible]	[illegible]
[illegible]	37.0	39.7	41.0	42.4	43.5	44.1	44.5	44.7	45.0	45.1	45.1	[illegible]	[illegible]	[illegible]	[illegible]
37.4	[illegible]	[illegible]	43.0	44.5	45.6	46.3	46.5	47.1	47.3	47.3	[illegible]	47.4	[illegible]	[illegible]	47.7
[illegible]	41.0	43.5	45.2	47.8	49.1	49.9	50.5	[illegible]	50.9	[illegible]	[illegible]	51.1	[illegible]	[illegible]	51.4
[illegible]	42.5	[illegible]	47.2	49.9	50.3	51.0	51.6	[illegible]	52.1	52.1	52.2	52.2	52.3	52.4	52.5
[illegible]	42.7	[illegible]	47.5	[illegible]	50.6	51.4	52.0	[illegible]	52.4	52.5	52.5	52.6	52.7	52.7	[illegible]
37.	[illegible]	45.1	47.8	49.5	[illegible]	51.7	52.5	[illegible]	52.7	52.9	[illegible]	52.9	53.	[illegible]	53.2
[illegible]	46.4	47.7	50.5	52.3	53.7	54.5	55.1	55.4	55.5	55.6	55.7	55.7	[illegible]	[illegible]	56.
[illegible]	[illegible]	[illegible]	[illegible]	57.9	59.5	60.3	61.1	61.5	61.5	61.7	61.7	61.8	[illegible]	62.	62.2
[illegible]	52.9	[illegible]	59.8	[illegible]	62.5	63.4	64.2	64.6	64.7	[illegible]	64.8	64.9	65.0	[illegible]	65.2
[illegible]	54.9	57.7	61.1	63.3	[illegible]	65.8	66.7	67.1	[illegible]	67.3	67.3	67.4	67.5	67.5	67.7
[illegible]	56.3	59.7	62.6	65.1	[illegible]	67.6	68.4	[illegible]	69.	69.1	69.1	69.2	69.3	[illegible]	[illegible]
[illegible]	[illegible]	62.6	65.5	69.5	70.4	71.2	72.2	72.6	72.7	[illegible]	72.8	72.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	64.4	70.5	72.7	74.5	75.4	76.3	76.7	76.9	76.9	[illegible]	77.1	[illegible]	[illegible]	77.4
[illegible]	67.3	[illegible]	75.0	77.5	[illegible]	[illegible]	[illegible]	81.6	81.7	[illegible]	[illegible]	81.9	82.	82.1	[illegible]
[illegible]	[illegible]	[illegible]	75.2	78.8	80.7	81.5	82.5	[illegible]	83.1	[illegible]	83.2	83.3	83.4	83.4	83.7
[illegible]	[illegible]	73.7	[illegible]	[illegible]	82.6	83.6	84.7	[illegible]	85.2	85.3	[illegible]	85.4	[illegible]	[illegible]	[illegible]
[illegible]	72.3	[illegible]	81.5	84.4	86.4	87.3	88.4	[illegible]	89.	89.1	89.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	86.3	88.5	89.4	90.6	[illegible]	[illegible]	[illegible]	91.3	91.4	91.5	[illegible]	91.7
[illegible]	74.2	[illegible]	83.9	87.1	[illegible]	90.2	91.4	[illegible]	92.1	92.2	92.2	92.3	92.4	92.4	[illegible]
[illegible]	74.7	79.2	84.6	[illegible]	90.3	91.3	92.7	[illegible]	93.3	93.4	93.4	93.5	[illegible]	93.7	[illegible]
[illegible]	[illegible]	[illegible]	85.2	[illegible]	91.1	92.2	93.6	94.1	94.3	[illegible]	[illegible]	94.5	[illegible]	[illegible]	[illegible]
[illegible]	75.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.5	95.1	95.3	95.4	95.4	95.5	95.7	95.7	[illegible]
[illegible]	75.3	[illegible]	85.6	89.7	[illegible]	93.6	95.0	[illegible]	96.1	96.2	96.2	96.3	96.5	96.5	96.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.3	96.2	[illegible]	97.1	97.2	97.2	97.4	97.5	97.5	97.7
[illegible]	75.4	[illegible]	[illegible]	[illegible]	[illegible]	94.5	96.7	97.5	97.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	75.4	[illegible]	[illegible]	[illegible]	93.1	94.6	96.9	97.8	98.3	98.5	98.6	98.7	98.9	98.9	99.1
[illegible]	75.4	[illegible]	86.1	[illegible]	[illegible]	94.6	96.9	97.9	98.5	98.7	98.8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	75.4	[illegible]	86.1	[illegible]	[illegible]	94.6	96.9	[illegible]	98.5	98.7	98.8	99.1	99.4	99.4	[illegible]

[illegible] NUMBER [illegible] OBSERVATIONS 7[illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	22.5	35.4	42.1	44.5	45.5	45.1	46.[illegible]	[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	[illegible]
[illegible]	[illegible]	44.5	47.4	[illegible]	51.8	52.6	54.[illegible]	54.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4
[illegible]	[illegible]	44.7	47.4	51.1	52.3	53.1	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8
[illegible]	[illegible]	44.7	48.4	51.1	52.3	53.1	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	[illegible]
[illegible]	[illegible]	44.7	48.4	51.1	52.3	53.1	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	[illegible]
[illegible]	41.3	47.6	49.4	52.2	53.3	54.2	55.7	56.[illegible]	56.3	56.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]	[illegible]
[illegible]	43.7	49.5	52.3	55.7	56.2	57.1	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	[illegible]
[illegible]	43.6	49.1	53.2	56.3	57.1	58.1	59.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	[illegible]
[illegible]	43.9	49.4	53.7	56.4	57.6	59.6	60.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	[illegible]
[illegible]	44.6	50.2	54.5	57.3	58.5	59.5	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	[illegible]
[illegible]	46.9	53.6	57.3	60.3	61.7	62.7	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	[illegible]
[illegible]	45.7	55.4	61.1	63.4	[illegible]	66.1	67.6	68.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	[illegible]
[illegible]	51.3	57.7	62.2	65.6	67.2	68.2	70.1	71.7	70.3	71.7	70.3	70.3	70.3	70.3	70.3	70.3	[illegible]
[illegible]	52.5	53.5	63.8	67.3	68.9	71.0	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	[illegible]
[illegible]	55.3	59.6	65.1	68.9	71.5	71.6	73.5	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	[illegible]
[illegible]	55.5	61.[illegible]	67.4	71.2	72.8	73.9	75.9	76.7	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	[illegible]
[illegible]	57.1	63.4	69.[illegible]	72.9	74.4	75.6	77.6	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	[illegible]
[illegible]	57.1	65.9	71.2	75.0	76.7	78.7	80.2	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	[illegible]
[illegible]	57.9	66.4	72.1	76.7	77.8	79.7	81.4	81.7	81.9	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	[illegible]
[illegible]	61.7	67.5	73.5	77.2	79.[illegible]	82.3	82.7	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	[illegible]
[illegible]	62.7	69.4	75.9	8[illegible]	81.9	83.1	85.6	86.7	86.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	[illegible]
[illegible]	63.9	7[illegible]	77.4	81.8	83.6	84.9	87.3	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	[illegible]
[illegible]	64.2	71.1	77.8	82.2	84.1	85.3	87.7	88.7	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	[illegible]
[illegible]	64.9	71.7	78.8	83.4	85.6	87.3	89.4	[illegible]	[illegible]	90.1	90.1	90.1	90.1	90.1	90.1	90.1	[illegible]
[illegible]	65.7	72.9	80.4	85.1	87.3	88.8	91.2	91.7	91.9	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	[illegible]
[illegible]	66.2	73.4	81.3	86.5	89.3	90.6	93.2	93.9	93.9	94.7	94.3	94.3	94.[illegible]	94.7	94.7	94.7	[illegible]
[illegible]	66.4	73.5	82.3	87.8	[illegible]	92.2	94.8	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	[illegible]
[illegible]	66.6	73.9	82.6	88.4	91.2	92.9	96.2	96.9	96.9	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	[illegible]
[illegible]	66.6	74.2	82.9	88.9	91.6	93.3	96.9	97.[illegible]	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	[illegible]
[illegible]	66.6	74.[illegible]	82.9	89.1	91.9	93.7	97.2	98.4	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	[illegible]
[illegible]	66.6	74.[illegible]	83.3	89.2	92.3	93.8	97.5	98.9	99.3	99.2	99.4	99.5	99.5	99.5	99.5	99.5	[illegible]
[illegible]	66.6	74.[illegible]	83.3	89.2	92.3	93.8	97.5	98.9	99.3	99.2	99.4	99.7	99.9	99.9	[illegible]	[illegible]	

TOTAL NUMBER OF OBSERVATIONS _____

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CEILING VERSUS VISIBILITY

[illegible]	17.1	19.4	22.1	25.4	27.2	[illegible]	[illegible]	30.7	31.2	31.7	31.4	32.1	32.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	25.7	26.7	31.1	33.8	35.9	37.[illegible]	38.9	40.[illegible]	41.7	41.7	41.1	41.9	42.1	42.7	42.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	22.5	25.[illegible]	31.2	33.9	36.0	37.1	39.0	40.1	41.[illegible]	41.1	41.3	41.[illegible]	42.2	42.7	42.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	23.5	25.9	31.2	33.6	36.2	37.1	39.0	40.1	41.[illegible]	41.1	41.3	41.[illegible]	42.2	42.7	42.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	22.8	25.[illegible]	31.2	33.9	36.[illegible]	37.1	39.[illegible]	40.1	42.8	41.1	41.3	41.[illegible]	42.2	42.7	42.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	25.[illegible]	28.[illegible]	32.7	35.5	37.8	39.1	41.[illegible]	42.1	42.[illegible]	43.7	44.[illegible]	44.7	44.2	44.7	44.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	27.8	31.7	36.3	39.2	42.7	43.[illegible]	44.9	45.1	45.9	47.1	47.3	4[illegible]	48.7	49.2	49.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	30.3	31.[illegible]	37.3	41.2	42.7	44.3	45.2	47.1	48.[illegible]	48.7	4[illegible]	49.1	49.4	49.5	49.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	32.5	37.[illegible]	37.6	42.6	45.2	44.5	45.5	47.7	48.5	48.9	49.[illegible]	49.7	49.9	50.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	29.[illegible]	33.2	3[illegible].7	41.7	44.5	45.[illegible]	47.[illegible]	49.7	49.[illegible]	50.3	50.4	51.1	51.5	51.4	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	32.2	35.1	41.[illegible]	44.8	47.5	49.2	51.1	52.[illegible]	53.1	53.7	53.6	54.7	54.9	54.5	55.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	35.2	39.3	45.4	48.6	51.3	52.8	55.2	56.[illegible]	57.3	57.5	57.7	58.4	58.6	58.7	59.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	36.[illegible]	41.1	47.5	5[illegible].7	53.[illegible]	55.1	57.5	58.6	59.5	59.9	6[illegible].2	5[illegible].7	60.7	61.[illegible]	61.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	36.1	42.4	45.9	52.2	55.1	56.7	59.2	60.7	61.3	61.6	61.7	62.4	62.6	62.7	63.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	36.2	42.8	47.[illegible]	52.5	55.2	56.8	59.3	5[illegible].5	61.4	61.7	61.8	62.5	62.7	62.9	63.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	43.5	44.9	51.4	54.9	57.7	59.5	62.5	63.7	64.6	64.9	61.[illegible]	65.7	65.9	65.1	66.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	42.2	46.7	53.4	56.8	59.6	61.7	64.7	65.9	66.7	67.1	67.2	67.9	68.1	68.2	68.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	44.7	47.5	56.[illegible]	59.8	62.9	64.5	67.8	68.9	69.8	70.2	70.2	71.3	71.[illegible]	71.3	71.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	45.4	51.9	58.1	61.6	64.6	66.7	69.7	70.9	71.8	72.1	72.2	72.9	73.1	73.7	73.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.5	52.5	59.7	63.2	66.5	69.5	71.4	72.5	73.6	73.9	74.1	74.7	75.[illegible]	75.1	75.4	[illegible]	[illegible]	[illegible]	[illegible]
51.4	50.[illegible]	55.3	63.1	66.6	7[illegible].3	72.3	75.4	76.7	77.7	78.1	78.2	78.9	79.1	79.7	79.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	52.9	55.9	64.2	66.1	72.[illegible]	74.2	77.3	78.5	79.5	79.9	8[illegible].6	8[illegible].7	82.9	81.7	81.4	[illegible]	[illegible]	[illegible]	[illegible]
51.7	51.2	54.2	64.6	68.5	72.3	74.6	77.6	79.1	83.1	8[illegible].5	8[illegible].6	81.7	81.5	81.6	1.9	[illegible]	[illegible]	[illegible]	[illegible]
51.[illegible]	51.8	57.1	65.6	69.7	73.6	76.3	79.6	81.1	82.2	87.5	82.6	87.3	83.6	83.7	84.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
51.9	52.3	57.7	66.9	71.1	75.3	77.8	81.5	82.9	83.9	84.2	84.3	85.7	85.3	85.4	85.7	[illegible]	[illegible]	[illegible]	[illegible]
52.7	52.9	58.7	68.2	72.9	77.1	79.8	83.4	85.[illegible]	86.2	86.5	86.6	87.4	87.7	87.8	88.1	[illegible]	[illegible]	[illegible]	[illegible]
52.5	53.5	59.4	69.3	74.3	78.6	81.5	85.4	87.4	88.7	89.[illegible]	89.1	89.9	91.2	91.[illegible]	92.6	[illegible]	[illegible]	[illegible]	[illegible]
52.6	53.7	57.9	69.9	75.3	80.2	83.5	86.3	91.7	91.6	92.1	92.2	93.7	93.2	93.4	93.7	[illegible]	[illegible]	[illegible]	[illegible]
52.[illegible]	53.7	59.9	70.1	75.5	81.5	83.9	88.7	91.4	93.6	93.9	94.1	94.9	95.1	95.2	95.7	[illegible]	[illegible]	[illegible]	[illegible]
52.[illegible]	53.7	59.9	70.2	75.7	83.9	84.5	86.7	92.7	95.1	95.9	96.[illegible]	96.8	97.1	97.3	97.6	[illegible]	[illegible]	[illegible]	[illegible]
52.[illegible]	53.7	59.9	70.2	75.7	81.[illegible]	84.6	89.8	93.7	95.5	96.3	96.7	97.5	97.8	97.9	98.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	52.7	59.9	7[illegible].2	75.7	81.[illegible]	84.6	85.8	93.7	95.9	96.7	97.1	97.2	99.[illegible]	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-82

[illegible]	19.8	21.7	24.6	25.7	26.2	26.7	28.0	28.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	34.2	36.3	36.6	37.8	39.6	40.4	40.7	[illegible]	[illegible]	[illegible]	41.	[illegible]	41.4
[illegible]	26.8	30.4	34.4	36.5	37.	[illegible]	39.7	40.7	40.9	41.	41.1	41.1	41.2	41.2	41.6
[illegible]	[illegible]	[illegible]	[illegible]	37.0	37.4	38.5	40.3	41.1	41.4	41.5	41.6	41.6	41.7	41.7	[illegible]
[illegible]	29.6	31.7	35.3	37.4	37.9	39.1	41.1	42.1	42.3	42.4	42.5	42.5	42.6	42.6	43.
[illegible]	[illegible]	32.4	36.4	38.7	39.2	40.3	42.4	43.3	43.5	43.7	[illegible]	[illegible]	43.9	43.9	44.?
[illegible]	33.8	35.7	40.0	42.3	42.7	43.9	46.1	47.2	47.4	47.5	47.6	47.6	47.7	47.7	[illegible]
[illegible]	34.?	37.1	41.1	43.4	43.?	45.?	47.2	48.2	48.5	48.6	48.7	48.7	48.8	48.8	49.2
[illegible]	35.0	37.4	41.5	43.9	44.6	45.9	48.2	49.1	49.4	49.?	49.7	49.7	49.?	49.?	50.1
[illegible]	35.4	37.?	41.6	44.2	45.0	46.3	48.6	49.5	49.9	50.0	50.1	50.1	50.?	50.?	[illegible]
[illegible]	37.1	39.?	43.5	46.7	46.8	48.0	50.6	51.0	51.5	52.?	52.1	52.1	52.2	52.?	[illegible]
[illegible]	39.?	42.3	46.4	49.?	49.8	51.?	53.7	54.7	55.2	55.3	55.4	55.4	55.?	55.5	55.?
[illegible]	41.6	45.2	49.7	52.7	53.0	54.3	56.7	57.?	58.4	58.5	58.6	58.6	58.?	58.?	59.1
[illegible]	44.2	46.?	51.4	53.9	54.7	56.1	58.9	59.9	60.4	60.5	60.6	60.6	60.7	60.7	61.1
[illegible]	44.9	47.?	52.4	55.0	55.?	57.1	60.1	61.?	61.6	61.9	61.9	61.9	62.	62.?	62.3
31.7	46.5	49.4	54.3	56.8	57.6	59.1	62.1	63.1	63.5	63.7	63.?	63.9	63.?	63.?	64.?
[illegible]	47.6	50.?	55.6	58.2	59.?	60.5	63.5	64.5	65.?	65.?	65.3	65.3	65.4	65.4	65.?
33.?	49.9	53.?	58.1	60.7	61.5	63.?	66.2	67.3	67.7	68.?	68.1	68.1	68.2	68.?	68.?
34.?	50.9	54.0	59.?	61.?	62.7	64.4	67.5	68.5	69.0	69.2	69.4	69.4	69.?	69.?	69.?
35.?	53.1	56.2	61.?	64.5	65.?	67.1	70.2	71.?	71.7	71.9	72.0	72.0	72.1	72.1	72.?
[illegible]	58.2	61.5	67.4	70.2	71.1	72.?	75.0	77.1	77.5	77.8	77.9	77.9	78.	78.?	78.?
40.1	60.3	63.?	70.2	72.9	73.6	75.6	79.1	80.4	80.9	81.1	81.2	81.2	81.3	81.3	81.7
40.3	61.6	65.?	71.7	74.4	75.3	77.1	80.8	82.1	82.6	82.8	82.?	82.9	83.1	83.1	83.4
[illegible]	62.4	66.?	73.5	76.3	77.4	79.6	83.4	84.?	85.3	85.5	85.6	85.6	85.7	85.7	86.1
41.1	62.8	66.7	74.?	77.2	78.3	80.6	84.4	85.?	86.4	86.5	86.6	86.8	86.?	86.?	87.?
41.?	63.?	68.?	76.?	79.5	80.8	83.3	87.2	88.7	89.3	89.5	89.6	89.6	89.7	89.7	90.?
41.4	64.2	69.?	77.6	81.3	82.8	85.6	89.7	91.2	91.9	92.2	92.3	92.3	92.4	92.4	92.7
41.4	64.2	69.?	78.?	82.?	83.8	87.?	91.6	93.1	93.9	94.1	94.2	94.4	94.5	94.5	94.8
41.4	64.2	69.?	78.5	82.6	84.3	88.1	93.1	94.9	96.?	96.2	96.3	96.4	96.5	96.5	96.9
41.4	64.?	69.9	78.5	82.6	84.3	88.1	93.1	94.9	96.9	97.4	97.7	97.8	97.9	97.9	98.3
41.4	64.2	69.?	78.5	82.6	84.3	88.1	93.1	95.?	97.2	98.2	98.5	98.7	99.?	99.?	99.5
41.4	64.2	69.?	78.5	82.6	84.3	88.1	93.1	95.?	97.2	98.2	98.5	98.8	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] NORTON AFB [illegible] 73-[illegible] JUN

11.	[illegible]	[illegible]	21.4	22.1	22.1	22.2	22.3	22.7	[illegible]	22.7	22.3	22.3	[illegible]	[illegible]	22.7
21.3	29.1	30.4	31.5	32.7	32.7	32.8	33.	33.	33.	33.	33.	33.3	33.3	33.3	33.
21.3	29.3	30.	32.0	32.9	32.9	33.0	33.3	33.7	33.3	33.7	33.3	33.3	[illegible]	33.3	33.3
21.6	29.5	31.	32.1	33.0	33.	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
22.	30.1	31.	32.8	33.7	33.7	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
23.	32.5	33.	35.2	36.1	36.1	36.	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
26.	35.1	37.6	39.	40.	40.	40.4	40.7	[illegible]	40.9	[illegible]	40.9	40.9	[illegible]	[illegible]	[illegible]
26.	36.5	38.1	39.5	40.5	40.5	40.9	41.2	41.	41.3	41.3	41.3	41.3	41.3	41.7	41.3
26.	36.6	38.	39.6	40.6	40.7	41.1	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
26.	36.5	38.	39.7	40.7	40.9	41.2	41.7	41.8	41.8	41.6	41.6	41.8	41.	41.8	41.8
[illegible]	3[illegible]	4[illegible]	41.5	42.3	42.7	43.3	43.7	43.8	43.8	43.8	43.6	43.8	43.	43.8	43.
3[illegible]	44.5	46.5	47.1	47.5	48.8	50.2	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
36.	48.1	50.1	51.5	53.2	53.5	54.0	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
4[illegible]	52.4	54.	56.5	57.9	58.2	58.7	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
42.2	50.7	56.	58.	59.4	59.7	60.	60.5	60.9	60.9	60.9	60.9	60.9	60.	60.	[illegible]
44.4	56.5	58.7	60.6	62.1	62.	62.9	63.5	63.5	63.8	63.8	63.8	63.8	63.	63.	63.
4[illegible]	63.5	65.	67.	69.4	69.7	70.2	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.
5[illegible]	70.2	72.7	74.9	76.3	76.6	77.2	77.8	78.	78.	78.	78.	78.	78.	78.	78.
5[illegible]	72.6	75.6	77.8	79.4	79.7	80.3	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
[illegible]	76.5	79.	81.7	83.3	83.7	84.2	84.8	85.	85.	85.	85.	85.	85.	85.	85.
62.4	80.	83.7	86.1	87.9	88.2	88.8	89.4	89.6	89.5	89.6	89.5	89.6	89.6	89.6	89.
63.1	81.6	84.	87.7	89.9	90.2	90.	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.
63.	81.9	85.5	88.4	90.4	90.9	91.6	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
63.3	82.2	85.8	89.	91.1	91.7	92.8	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
63.3	82.9	86.7	89.6	92.1	93.	94.	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
63.3	83.4	87.	90.7	93.2	94.4	95.4	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
63.4	83.5	87.5	91.	94.0	95.6	96.9	97.7	98.0	98.0	98.0	98.0	98.0	98.	98.	98.
63.4	83.5	87.5	91.1	94.1	95.7	96.9	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
63.4	83.5	87.	91.1	94.1	95.7	97.1	98.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7
63.4	83.5	87.5	91.1	94.1	95.7	97.1	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
63.4	83.5	87.5	91.1	94.1	95.7	97.1	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
63.4	83.5	87.5	91.1	94.1	95.7	97.1	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

NORTON AFB CA 73-82 JUL

[illegible]	28.[illegible]	28.3	28.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27.	34.[illegible]	35.1	35.[illegible]	35.1	35.1	35.1	35.1	35.1	35.1	35.1	[illegible]	35.1	35.1	35.1	35.1
27.9	34.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
27.9	34.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
[illegible]	35.2	35.[illegible]	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
[illegible]	37.4	38.[illegible]	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
34.[illegible]	41.7	42.[illegible]	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
34.4	42.0	42.[illegible]	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
34.7	42.4	42.[illegible]	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.[illegible]
[illegible]	42.5	43.4	43.5	43.6	43.6	43.[illegible]	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
38.7	44.7	45.[illegible]	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.	45.8	45.8	45.8	45.8
48.1	53.5	54.[illegible]	55.2	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
51.2	60.6	61.[illegible]	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
54.[illegible]	65.2	66.4	67.1	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
[illegible]	69.7	70.[illegible]	71.5	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
[illegible]	73.[illegible]	74.4	75.1	75.5	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
[illegible]	79.7	80.1	80.8	81.3	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
67.[illegible]	83.4	85.1	86.5	87.2	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
7[illegible]	85.1	86.7	88.1	88.8	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
71.5	86.6	88.4	90.3	91.1	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
72.3	88.5	90.4	92.5	93.[illegible]	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
[illegible]	89.6	91.4	93.5	94.5	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
[illegible]	[illegible]	91.[illegible]	94.0	95.1	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
72.7	90.[illegible]	92.2	94.6	96.2	96.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
72.7	90.3	92.1	95.0	97.0	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
72.7	9[illegible].4	92.7	95.1	97.2	98.3	98.5	99.0	99.	99.0	99.0	99.0	99.	99.0	99.0	99.
72.7	91.4	92.[illegible]	95.4	97.5	98.5	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
72.7	91.4	92.8	95.4	97.5	98.6	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
72.7	91.4	92.8	95.4	97.5	98.6	99.0	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
72.7	91.4	92.8	95.4	97.5	98.6	99.0	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
72.7	91.4	92.8	95.4	97.5	98.6	99.0	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
72.7	91.4	92.8	95.4	97.5	98.6	99.0	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]54

2

FILING VERSUS VIS BIT

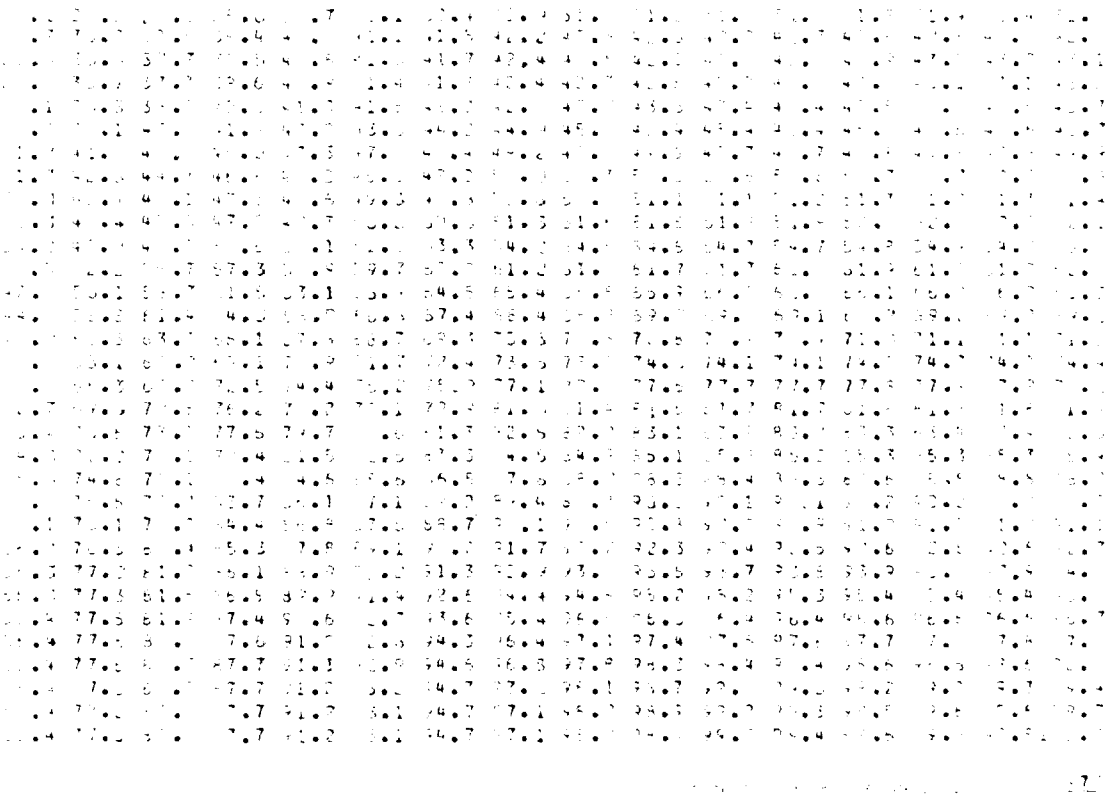
| | | |

CEILING VERSUS VISIBILITY

| | | |

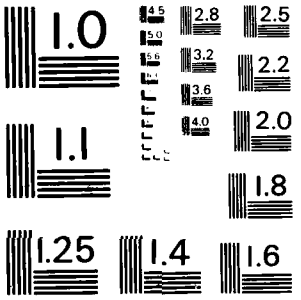
2

VERSUS VISIBILITY



AD-A131 621 BRIZE NORTON RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83 3/5

UNCLASSIFIED USAFETAC/DS-83-014 SBI-AD-E850 392 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE 0000-0200
FROM HOURLY OBSERVATIONS

[illegible]	30.7	33.1	35.5	36.8	37.8	38.2	38.7	38.7	38.7	38.9	38.9	38.9	39.0	39.0	39.0	
25.4	37.1	39.9	42.7	44.5	45.5	46.0	46.8	46.8	46.8	47.0	47.0	47.0	47.2	47.2	47.2	
25.4	37.1	39.9	42.7	44.5	45.5	46.0	46.8	46.8	46.8	47.0	47.0	47.0	47.2	47.2	47.2	
25.6	37.3	40.1	42.9	44.7	45.7	46.3	47.0	47.0	47.0	47.3	47.3	47.3	47.4	47.4	47.4	
25.9	37.7	40.5	43.3	45.0	46.0	46.6	47.4	47.4	47.4	47.6	47.6	47.6	47.7	47.7	47.7	
26.3	38.8	41.6	44.6	46.5	47.6	48.2	48.9	48.9	48.9	49.2	49.2	49.2	49.3	49.3	49.3	
28.4	41.1	44.3	47.3	49.2	50.3	50.8	51.6	51.6	51.6	51.8	51.8	51.8	52.0	52.0	52.0	
29.3	42.7	46.0	49.4	51.4	52.5	53.1	54.0	54.0	54.0	54.2	54.2	54.2	54.3	54.3	54.3	
29.3	42.9	46.3	49.6	51.6	52.7	53.3	54.2	54.2	54.2	54.4	54.4	54.4	54.5	54.5	54.5	
29.7	43.7	47.3	50.6	52.8	54.0	54.5	55.4	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7	
31.8	46.5	50.3	53.6	55.9	57.0	57.5	58.4	58.4	58.4	58.6	58.6	58.6	58.8	58.8	58.8	
34.7	50.8	54.8	58.9	61.1	62.2	62.9	63.8	63.8	63.8	64.0	64.1	64.1	64.2	64.2	64.2	
35.9	52.3	56.5	60.8	63.0	64.1	64.9	65.8	65.8	65.8	66.0	66.1	66.1	66.2	66.2	66.2	
37.6	55.3	59.8	64.0	66.2	67.3	68.1	69.0	69.0	69.0	69.2	67.3	69.3	69.5	69.5	69.5	
38.5	57.0	61.5	66.1	68.3	69.5	70.3	71.2	71.2	71.2	71.5	71.6	71.6	71.7	71.7	71.7	
39.9	59.8	64.5	69.2	71.6	73.0	73.9	74.8	74.8	74.8	75.0	75.1	75.1	75.3	75.3	75.3	
41.6	62.4	67.7	72.5	74.8	76.3	77.1	78.0	78.0	78.0	78.3	78.4	78.4	78.5	78.5	78.5	
43.4	66.0	71.3	76.3	78.6	80.0	81.0	81.9	81.9	81.9	82.2	82.3	82.3	82.4	82.4	82.4	
44.1	67.4	73.1	78.0	80.4	81.8	82.8	83.7	83.7	83.7	83.9	84.1	84.1	84.2	84.2	84.2	
44.9	69.5	75.3	80.2	82.5	83.9	84.9	85.8	85.8	85.8	86.1	86.2	86.2	86.3	86.3	86.3	
45.8	71.6	77.8	82.7	85.1	86.5	87.5	88.5	88.5	88.5	88.7	88.9	88.9	89.0	89.0	89.0	
46.3	72.8	79.5	84.5	87.0	88.5	89.5	90.5	90.5	90.5	90.7	90.9	90.9	91.0	91.0	91.0	
46.4	73.2	80.0	85.2	87.6	89.2	90.2	91.2	91.2	91.2	91.4	91.5	91.5	91.6	91.6	91.6	
46.7	74.4	81.5	86.8	89.3	90.9	91.9	92.9	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	
47.0	75.1	82.6	88.2	91.0	92.5	93.5	94.5	94.5	94.5	94.8	94.9	94.9	95.0	95.0	95.0	
47.0	75.8	83.5	89.1	92.2	93.8	94.8	95.8	95.8	95.8	96.0	96.1	96.1	96.2	96.2	96.2	
47.2	75.9	83.6	89.2	92.4	94.1	95.1	96.1	96.1	96.1	96.3	96.4	96.4	96.5	96.5	96.5	
47.2	76.0	83.7	89.6	93.3	95.0	96.1	97.3	97.4	97.4	97.7	97.8	97.8	97.9	97.9	97.9	
47.2	76.0	83.7	89.7	93.5	95.2	96.3	97.5	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.2	
47.2	76.0	83.7	89.7	93.5	95.5	96.7	98.1	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.8	
47.2	76.0	83.7	89.7	93.5	95.5	96.7	98.4	98.8	98.9	99.3	99.4	99.4	99.6	99.6	99.6	
47.2	76.0	83.7	89.7	93.5	95.5	96.7	98.4	98.9	98.9	99.3	99.4	99.7	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-62 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE 1300-1500
FROM HOURLY OBSERVATIONS

1.1	17.6	19.[illegible]	23.0	25.2	26.[illegible]	26.5	28.1	29.3	26.7	29.1	29.1	29.1	29.5	29.5	29.8
12.7	22.4	24.9	28.8	31.6	32.9	33.5	35.5	35.8	36.6	37.1	37.1	37.1	37.6	37.6	37.9
12.7	22.4	24.9	28.8	31.6	32.9	33.5	35.5	35.8	36.6	37.1	37.1	37.1	37.6	37.6	37.9
12.7	22.4	24.9	28.8	31.6	32.9	33.5	35.5	35.8	36.6	37.1	37.1	37.1	37.6	37.6	37.9
12.8	22.9	25.3	29.3	32.0	33.4	33.9	35.9	35.2	37.0	37.6	37.6	37.6	38.0	38.0	38.3
14.0	25.0	27.4	31.5	34.4	35.9	36.5	38.6	39.0	39.8	40.3	40.3	40.3	40.8	40.8	41.1
16.1	28.3	31.2	36.1	39.1	40.7	41.2	43.4	43.0	44.6	45.2	45.2	45.2	45.6	45.6	46.0
17.3	30.1	32.9	38.3	41.3	43.1	43.6	45.9	46.3	47.2	47.7	47.7	47.7	48.2	48.2	48.5
17.5	30.3	33.1	38.6	41.5	43.3	43.9	46.1	46.9	47.7	48.3	48.3	48.3	48.7	48.7	49.1
17.8	30.8	33.9	39.2	42.3	44.1	44.6	46.9	47.6	48.5	49.1	49.1	49.1	49.5	49.5	49.8
19.4	33.4	36.4	41.9	45.3	47.1	47.7	49.9	50.7	51.6	52.2	52.2	52.2	52.6	52.6	52.9
22.1	37.0	40.3	46.2	49.9	51.8	52.6	55.0	55.9	56.8	57.3	57.3	57.3	57.8	57.8	58.1
23.3	38.9	42.3	48.2	51.9	53.9	54.8	57.2	58.1	59.0	59.6	59.6	59.6	60.0	60.0	60.3
24.3	40.2	43.6	49.5	53.3	55.2	56.1	58.8	59.7	60.6	61.1	61.1	61.1	61.5	61.5	61.9
25.6	41.9	45.4	51.4	55.1	57.1	58.0	60.7	61.5	62.5	63.1	63.1	63.1	63.5	63.5	63.9
27.3	44.4	48.2	54.8	58.7	60.7	61.5	64.2	65.1	66.1	66.6	66.6	66.6	67.1	67.1	67.4
29.2	46.9	51.9	57.8	61.7	63.6	64.5	67.2	68.2	69.3	69.8	69.8	69.8	70.3	70.3	70.6
30.9	49.9	54.3	61.7	65.6	67.8	69.0	71.7	72.7	73.8	74.4	74.4	74.4	74.8	74.8	75.1
31.9	51.3	55.7	63.3	67.3	69.6	70.7	73.5	74.5	75.6	76.1	76.1	76.1	76.6	76.6	76.9
33.3	53.4	58.0	65.7	69.8	72.2	73.3	76.0	77.0	78.1	78.7	78.7	78.7	79.1	79.1	79.4
34.7	56.8	61.8	69.9	74.3	76.7	77.8	80.6	81.5	82.7	83.2	83.2	83.2	83.6	83.6	84.0
35.4	59.0	64.1	72.6	77.0	79.7	80.8	83.5	84.5	85.6	86.2	86.2	86.2	86.6	86.6	87.0
35.6	60.3	65.3	73.8	78.3	81.0	82.1	84.9	85.9	87.0	87.5	87.5	87.5	88.0	88.0	88.3
35.8	60.8	66.4	75.4	80.0	82.7	83.9	86.6	87.6	88.7	89.3	89.3	89.3	89.7	89.7	90.1
36.1	61.3	67.3	77.1	81.8	84.4	85.6	88.4	89.4	90.5	91.0	91.0	91.0	91.5	91.5	91.8
36.4	61.9	68.0	77.8	82.7	85.5	86.9	89.7	90.7	91.8	92.4	92.4	92.4	92.8	92.8	93.1
36.5	62.4	68.5	78.9	84.0	87.0	88.3	91.2	92.2	93.3	93.8	93.8	93.8	94.3	94.3	94.6
36.5	62.4	68.6	79.2	84.5	87.6	89.1	92.0	93.1	94.3	94.8	94.8	94.8	95.2	95.2	95.6
36.5	62.4	68.7	79.3	84.8	88.1	89.5	92.8	94.0	95.2	95.8	95.8	95.8	96.2	96.2	96.6
36.5	62.4	68.7	79.3	84.8	88.1	89.5	93.3	94.6	95.8	96.5	96.5	96.6	97.0	97.0	97.3
36.5	62.4	68.7	79.3	84.8	88.1	89.5	93.7	95.0	96.4	97.2	97.2	97.5	98.1	98.5	98.8
36.5	62.4	68.7	79.3	84.8	88.1	89.5	93.7	95.2	96.6	97.5	97.5	97.9	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7492 BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1600-0600

16.7	18.1	19.3	21.8	23.0	23.4	23.7	23.9	24.2	24.4	24.4	24.5	24.6	24.9	25.0	25.0	
16.9	26.6	27.9	31.4	33.1	33.6	34.3	34.8	35.0	35.5	35.7	35.9	36.0	36.3	36.4	36.4	
17.1	26.8	28.2	31.6	33.3	33.9	34.5	35.0	35.2	35.7	35.9	36.1	36.3	36.5	36.6	36.6	
17.1	26.8	28.2	31.6	33.3	33.9	34.5	35.0	35.2	35.7	35.9	36.1	36.3	36.5	36.6	36.6	
17.8	27.7	29.1	32.6	34.3	34.9	35.7	36.1	36.4	36.8	37.1	37.3	37.4	37.6	37.7	37.7	
18.8	29.6	31.0	34.9	36.6	37.3	38.2	38.8	39.1	39.5	39.7	39.9	40.0	40.0	40.4	40.4	
20.8	33.3	34.9	39.3	41.0	41.7	42.8	43.3	43.7	44.1	44.4	44.6	44.7	44.9	45.0	45.0	
21.8	35.2	36.8	41.4	43.1	43.9	45.0	45.6	46.0	46.4	46.6	46.9	47.0	47.2	47.3	47.3	
21.8	35.2	36.8	41.5	43.2	44.0	45.2	45.7	46.1	46.5	46.8	47.0	47.1	47.3	47.4	47.4	
22.1	35.7	37.3	42.0	43.7	44.5	45.6	46.2	46.5	47.0	47.2	47.4	47.5	47.8	47.9	47.9	
23.4	37.4	39.0	43.8	45.6	46.4	47.5	48.1	48.5	48.9	49.1	49.4	49.5	49.7	49.9	49.8	
26.6	41.4	43.0	47.8	49.6	50.4	51.5	52.1	52.6	53.1	53.4	53.6	53.7	53.9	54.0	54.0	
29.0	44.4	46.0	51.0	52.8	53.6	54.7	55.3	55.8	56.3	56.6	56.8	56.9	57.1	57.2	57.2	
31.1	47.0	48.6	53.7	55.5	56.3	57.5	58.0	58.5	59.1	59.3	59.5	59.6	59.9	60.0	60.0	
31.9	48.0	49.7	55.4	57.2	58.0	59.2	59.7	60.2	60.8	61.0	61.2	61.3	61.6	61.7	61.7	
33.4	50.2	51.9	58.0	60.0	60.8	61.9	62.5	62.9	63.5	63.7	64.0	64.1	64.3	64.4	64.4	
34.7	52.1	54.0	60.3	62.3	63.1	64.2	64.8	65.2	65.8	66.0	66.2	66.4	66.6	66.7	66.8	
36.1	54.8	57.1	63.6	65.6	66.4	67.6	68.2	68.6	69.2	69.4	69.7	69.8	70.0	70.1	70.2	
36.9	55.9	58.2	64.7	66.6	67.4	68.6	69.2	69.7	70.2	70.5	70.7	70.8	71.0	71.2	71.3	
38.9	58.5	60.9	67.6	69.7	70.5	71.7	72.3	72.7	73.3	73.5	73.8	73.9	74.1	74.2	74.3	
42.0	63.2	65.7	72.4	74.8	75.6	76.9	77.5	78.0	78.6	78.8	79.0	79.1	79.4	79.5	79.6	
43.0	65.8	68.3	75.3	77.7	78.4	79.7	80.4	80.8	81.4	81.6	81.9	82.1	82.3	82.4	82.6	
43.6	66.9	69.4	76.5	78.9	79.8	81.1	81.8	82.2	82.8	83.1	83.4	83.6	83.8	83.9	84.0	
44.6	69.0	72.3	79.9	82.4	83.5	84.8	85.5	86.0	86.5	86.9	87.1	87.3	87.6	87.7	87.8	
44.6	69.7	73.4	81.4	84.4	85.4	86.8	87.5	87.9	88.5	88.8	89.1	89.3	89.5	89.6	89.7	
44.6	70.1	74.0	82.7	85.9	86.9	88.4	89.1	89.5	90.1	90.4	90.6	90.9	91.1	91.2	91.3	
44.6	70.6	74.9	83.7	87.1	88.7	90.2	91.1	91.6	92.1	92.5	92.7	92.9	93.2	93.3	93.4	
44.7	70.7	75.0	84.3	87.8	89.5	91.2	92.5	92.9	93.5	93.8	94.1	94.3	94.5	94.6	94.8	
44.7	70.7	75.3	84.5	88.5	90.4	92.2	93.7	94.3	95.0	95.3	95.6	95.8	96.0	96.1	96.2	
44.7	70.7	75.3	84.5	88.5	90.6	92.7	94.4	95.1	95.9	96.4	96.7	97.0	97.3	97.4	97.5	
44.7	70.7	75.3	84.5	88.6	90.8	92.8	94.5	95.3	96.2	97.3	97.6	98.1	98.3	98.5	99.3	
44.7	70.7	75.3	84.5	88.6	90.8	92.8	94.5	95.3	96.2	97.3	97.6	98.1	98.4	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 977

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3490 BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

12.4	17.3	18.1	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
20.0	26.7	27.7	28.9	29.3	29.3	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
20.0	26.7	27.7	28.9	29.3	29.3	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
20.1	26.9	27.9	29.0	29.4	29.4	29.5	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
21.4	28.4	29.4	30.5	31.0	31.0	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
22.4	29.9	31.9	32.0	32.4	32.4	32.5	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
24.9	33.7	34.7	36.1	36.6	36.6	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
25.3	35.0	36.1	37.6	38.2	38.2	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
25.3	35.0	36.2	37.7	38.4	38.4	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
25.4	35.3	36.5	38.1	38.7	38.7	38.8	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
27.1	37.8	39.1	40.6	41.4	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
32.2	42.4	43.6	45.4	46.2	46.3	46.4	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
35.5	48.4	49.7	51.5	52.4	52.5	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
37.6	51.1	52.4	54.2	55.2	55.5	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
39.7	53.3	54.6	56.4	57.4	57.7	57.8	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
44.8	58.9	60.3	62.3	63.3	63.6	63.7	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
53.3	65.0	66.4	68.4	69.4	69.7	69.8	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
55.3	71.7	73.4	75.4	76.4	76.7	76.8	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
57.2	74.4	76.1	78.2	79.2	79.6	79.7	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
60.5	78.9	80.6	82.8	83.8	84.1	84.2	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
63.8	85.1	87.1	89.6	90.7	91.0	91.1	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
64.3	86.3	88.6	91.3	92.8	93.1	93.2	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
64.3	87.2	89.5	92.5	94.0	94.3	94.5	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
64.9	87.9	90.1	93.3	95.0	95.3	95.4	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
64.9	88.0	90.5	94.0	95.8	96.1	96.2	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
64.9	88.2	90.8	94.5	96.3	96.6	96.9	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
64.9	88.5	91.0	94.7	96.9	97.3	97.6	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
64.9	88.6	91.1	94.9	97.2	97.7	97.9	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
64.9	88.6	91.1	95.0	97.3	97.9	98.2	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
64.9	88.6	91.1	95.2	97.6	98.1	98.4	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
64.9	88.6	91.1	95.2	97.6	98.1	98.4	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
64.9	88.6	91.1	95.2	97.6	98.1	98.4	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

76497 BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

15.3	16.7	18.9	18.9	18.9	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
22.4	27.1	27.7	27.7	27.7	27.9	28.0	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1
22.7	27.4	28.1	28.1	28.1	28.2	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4
22.7	27.4	28.1	28.1	28.1	28.2	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4
23.6	28.4	29.1	29.1	29.1	29.2	29.3	29.3	29.3	29.5	29.5	29.5	29.5	29.5	29.5	29.5
25.6	30.6	31.4	31.4	31.5	31.6	31.7	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8
29.9	36.1	36.9	36.9	37.1	37.3	37.4	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6
30.5	37.4	38.2	38.2	33.6	38.8	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
30.7	38.1	38.9	38.9	39.3	39.5	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8
30.9	38.5	39.4	39.4	39.7	40.0	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3
33.4	41.7	42.6	42.7	43.0	43.3	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
40.3	49.4	50.5	50.7	51.0	51.3	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
47.6	57.8	59.0	59.2	59.6	59.8	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
52.2	63.1	64.4	64.7	65.1	65.3	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
57.4	68.7	70.0	70.4	70.8	71.0	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
63.2	75.0	76.3	76.8	77.2	77.4	77.7	77.9	77.9	78.0	78.0	78.0	79.0	78.0	78.0	78.0
67.2	80.3	81.5	82.1	82.4	82.6	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
72.0	87.0	88.4	88.9	89.3	89.5	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
73.7	89.0	90.4	91.1	91.6	91.8	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
74.5	90.5	91.9	92.6	93.0	93.3	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
75.8	92.4	94.1	95.0	95.7	95.9	96.3	96.5	96.5	96.6	96.6	96.6	95.6	96.6	96.6	96.6
76.0	93.2	95.0	96.1	96.8	97.0	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
76.3	93.5	95.4	96.7	97.4	97.6	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
76.3	93.5	95.4	96.8	97.5	97.7	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
76.3	93.5	95.5	96.9	97.6	97.8	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
76.3	93.6	95.8	97.4	98.1	98.4	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
76.3	93.6	95.9	97.5	98.4	98.7	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
76.3	93.6	95.9	97.5	98.4	98.7	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
76.3	93.6	95.9	97.5	98.4	98.7	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
76.3	93.6	95.9	97.5	98.4	98.7	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
76.3	93.6	95.9	97.5	98.4	98.7	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
76.3	93.6	95.9	97.5	98.4	98.7	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

036490 BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

19.9	23.5	23.6	23.6	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
29.3	34.7	34.8	34.8	34.9	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
29.5	34.9	35.0	35.0	35.1	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
29.7	35.1	35.2	35.2	35.4	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
30.7	36.1	36.2	36.2	36.4	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
32.5	38.5	38.7	38.7	38.8	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
36.6	43.2	43.4	43.5	43.6	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
37.3	44.3	44.5	44.6	44.8	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
37.9	45.0	45.2	45.3	45.4	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
38.5	45.7	46.0	46.1	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
41.2	49.6	49.9	50.1	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
53.4	62.9	63.3	63.4	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
61.3	72.3	72.9	73.0	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
64.6	76.1	76.9	77.1	77.5	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
67.1	78.7	79.4	79.9	80.2	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
70.8	83.3	84.1	84.9	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
74.9	87.6	88.7	89.5	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
76.8	90.5	91.6	92.5	92.8	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
77.6	91.7	92.8	93.7	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
78.5	92.8	93.9	94.8	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
79.2	94.1	95.6	96.7	97.0	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
79.6	94.8	96.2	97.5	98.1	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
79.6	95.0	96.5	97.7	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
79.7	95.1	96.6	97.9	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
79.8	95.4	96.8	98.1	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
79.8	95.6	97.0	98.3	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
79.8	95.6	97.0	98.3	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
79.8	95.6	97.0	98.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79.8	95.6	97.0	98.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79.8	95.6	97.0	98.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79.8	95.6	97.0	98.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79.8	95.6	97.0	98.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 905

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

036490 BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

25.2	31.0	31.3	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7
38.0	46.0	46.2	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8
38.0	46.0	46.2	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8
38.1	46.1	46.3	46.6	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9
39.4	47.6	47.8	48.0	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4
41.1	49.8	50.1	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7
43.6	53.9	54.1	54.6	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0
44.7	55.6	55.9	56.5	56.7	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1
45.0	56.0	56.4	56.9	57.1	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
45.4	56.5	56.8	57.4	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
48.9	61.4	61.9	62.4	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
56.6	70.6	71.5	72.2	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
61.2	76.5	77.4	78.1	78.6	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
62.7	78.4	79.3	80.0	80.5	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
65.1	81.2	82.1	82.8	83.5	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
67.7	84.6	85.7	86.4	87.1	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
69.9	87.6	88.5	89.2	89.9	90.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
70.8	89.1	90.0	90.8	91.5	91.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
71.1	89.7	90.6	91.3	92.0	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
71.7	90.2	91.1	92.0	92.7	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
72.2	91.9	92.8	93.7	94.4	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
72.9	92.9	93.9	94.6	95.5	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
73.2	93.8	94.8	95.7	96.4	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
73.3	94.0	95.2	96.1	96.9	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
73.5	94.3	95.4	96.5	97.4	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
73.5	94.5	95.8	97.1	98.3	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
73.5	94.5	95.8	97.1	98.3	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
73.5	94.5	95.8	97.1	98.4	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
73.5	94.5	95.8	97.1	98.4	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
73.5	94.5	95.8	97.1	98.4	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
73.5	94.5	95.8	97.1	98.4	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
73.5	94.5	95.8	97.1	98.4	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

24.1	33.2	34.6	35.6	37.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
34.0	46.1	48.1	49.6	51.0	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
34.1	46.2	48.1	49.7	51.1	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
34.1	46.2	48.1	49.7	51.1	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
34.4	46.5	48.4	50.0	51.5	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
35.6	48.3	50.2	52.1	53.6	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
37.0	51.0	53.3	55.4	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
37.9	52.9	55.5	57.6	59.3	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
36.5	53.5	56.1	58.2	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
38.7	54.0	56.6	58.9	60.5	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
41.4	57.6	60.3	62.8	64.5	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
45.2	62.9	65.7	68.3	70.2	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
47.8	65.8	68.8	71.4	73.4	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
49.0	67.6	70.6	73.3	75.3	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
50.9	70.2	73.2	75.9	78.0	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
53.0	73.7	76.9	79.8	82.2	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
54.8	76.5	79.6	82.6	85.1	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
56.7	79.3	82.6	85.7	88.1	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
57.4	80.6	84.0	87.1	89.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
57.7	81.3	84.6	88.0	90.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
58.0	82.7	86.2	89.8	92.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
58.6	84.1	87.9	91.6	94.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
58.9	84.5	88.5	92.2	94.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
59.1	85.0	89.1	92.9	95.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
59.2	85.3	89.5	93.4	96.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
59.4	85.9	90.0	94.1	97.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
59.4	85.9	90.0	94.2	97.1	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
59.4	85.9	90.0	94.5	97.4	98.5	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
59.4	85.9	90.0	94.6	97.5	98.7	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
59.4	85.9	90.0	94.7	97.9	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
59.4	85.9	90.0	94.7	97.9	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
59.4	85.9	90.0	94.7	97.9	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

17.4	23.8	24.7	26.1	26.9	27.3	27.5	27.7	27.8	27.9	27.9	28.0	28.0	28.1	28.1	28.1
24.6	33.3	34.7	36.3	37.3	37.8	38.1	38.5	38.5	38.7	38.9	38.9	38.9	39.0	39.0	39.1
24.9	33.5	34.5	36.4	37.5	37.9	38.2	38.6	38.7	38.9	39.0	39.0	39.0	39.1	39.1	39.2
25.0	33.5	34.8	36.5	37.5	38.0	38.3	38.7	38.5	38.9	39.1	39.1	39.1	39.2	39.2	39.3
25.7	34.4	35.7	37.4	38.4	38.9	39.2	39.6	39.7	39.8	40.0	40.0	40.0	40.1	40.1	40.2
27.1	36.3	37.7	39.4	40.5	41.0	41.3	41.8	41.9	42.1	42.2	42.2	42.2	42.3	42.3	42.4
28.7	40.1	41.6	43.6	44.8	45.3	45.6	46.1	46.2	46.4	46.5	46.5	46.5	46.7	46.7	46.7
30.0	41.6	43.3	45.5	46.7	47.2	47.6	48.1	48.2	48.4	48.5	48.5	48.5	48.6	48.6	48.7
30.7	42.0	43.6	45.8	47.1	47.6	48.0	48.5	48.6	48.8	48.9	49.0	49.0	49.1	49.1	49.1
31.1	42.5	44.2	46.4	47.7	48.3	48.6	49.1	49.3	49.5	49.6	49.6	49.6	49.7	49.7	49.9
33.3	45.7	47.4	49.7	51.1	51.7	52.1	52.6	52.7	52.9	53.1	53.1	53.1	53.2	53.2	53.3
36.6	52.2	54.1	56.6	58.1	58.7	59.1	59.7	59.9	60.1	60.2	60.2	60.3	60.4	60.4	60.4
42.7	57.0	59.1	61.6	63.1	63.9	64.3	64.8	65.0	65.2	65.3	65.4	65.4	65.5	65.5	65.6
44.9	59.8	61.9	64.6	66.1	66.8	67.2	67.8	68.0	68.2	68.3	68.4	68.4	68.5	68.5	68.6
47.0	62.3	64.5	67.3	68.8	69.5	70.0	70.6	70.8	71.0	71.1	71.2	71.2	71.3	71.3	71.4
50.0	66.2	68.5	71.5	73.1	73.9	74.4	75.0	75.2	75.4	75.5	75.6	75.6	75.7	75.7	75.7
52.8	69.8	72.2	75.3	76.9	77.7	78.2	78.8	79.0	79.2	79.4	79.4	79.4	79.5	79.5	79.6
55.2	73.5	76.1	79.3	81.0	81.8	82.4	83.0	83.2	83.5	83.6	83.6	83.6	83.7	83.7	83.8
56.2	75.0	77.6	80.9	82.6	83.4	84.0	84.6	84.8	85.1	85.2	85.2	85.3	85.4	85.4	85.4
57.5	76.9	79.5	83.0	84.6	85.5	86.0	86.7	86.9	87.1	87.3	87.3	87.3	87.4	87.4	87.5
58.9	79.7	82.6	86.2	88.0	88.9	89.4	90.1	90.3	90.6	90.7	90.7	90.7	90.8	90.9	90.9
59.5	81.1	84.2	88.0	89.9	90.8	91.3	92.0	92.2	92.5	92.6	92.6	92.7	92.8	92.9	[illegible]
59.8	81.8	84.9	88.8	90.7	91.6	92.2	92.9	93.1	93.3	93.5	93.5	93.5	93.6	93.7	93.7
60.0	82.4	85.8	89.9	91.9	92.9	93.5	94.2	94.4	94.6	94.8	94.8	94.8	94.9	94.9	95.0
60.2	82.8	86.4	90.7	92.9	93.8	94.5	95.2	95.4	95.7	95.8	95.8	95.9	96.0	96.0	96.1
60.2	83.2	86.9	91.3	93.7	94.7	95.4	96.1	96.3	96.6	96.7	96.8	96.8	96.9	96.9	97.0
60.2	83.4	87.1	91.7	94.2	95.3	96.0	96.8	97.0	97.2	97.4	97.4	97.4	97.5	97.5	97.6
60.2	83.4	87.1	91.9	94.6	95.7	96.5	97.4	97.6	97.9	98.0	98.1	98.1	98.2	98.2	98.3
60.2	83.4	87.2	92.0	94.7	95.9	96.8	97.8	98.1	98.4	98.5	98.5	98.6	98.7	98.7	98.8
60.2	83.4	87.2	92.0	94.8	96.1	96.9	98.1	98.4	98.7	98.9	98.9	99.0	99.1	99.1	99.2
60.2	83.4	87.2	92.0	94.8	96.1	96.9	98.2	98.6	98.9	99.2	99.3	99.4	99.5	99.6	99.7
60.2	83.4	87.2	92.0	94.8	96.1	96.9	98.2	98.6	98.9	99.2	99.3	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7142

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-82 AV

18.5	31.4	38.0	41.2	44.5	45.9	46.3	46.3	47.3	47.5	47.6	47.6	47.6	47.9	47.9	47.9	47.9
21.3	35.2	4[illegible].0	46.2	49.7	51.1	51.7	52.9	53.4	53.3	53.[illegible]	53.8	54.0	54.2	54.2	54.2	54.2
21.3	35.3	4[illegible].2	46.3	49.8	51.2	51.8	53.1	53.5	54.0	54.0	54.0	54.1	54.3	54.3	54.3	54.3
21.3	35.3	4[illegible].2	46.3	49.8	51.2	51.8	53.1	53.5	54.0	54.0	54.0	54.1	54.3	54.3	54.3	54.3
21.5	35.7	4[illegible].6	46.7	5[illegible].2	51.7	52.3	53.5	54.0	54.4	54.4	54.4	54.5	54.8	54.8	54.8	54.8
22.5	37.1	42.1	46.2	51.3	53.4	54.0	55.3	55.0	56.2	56.2	56.2	56.3	56.6	56.6	56.6	56.6
25.3	39.8	46.0	51.5	55.1	56.7	57.6	59.0	59.5	60.3	60.3	60.[illegible]	60.1	60.7	60.3	60.3	60.3
25.7	41.5	46.[illegible]	52.5	56.2	58.0	58.9	60.6	61.4	61.9	61.9	61.9	62.0	62.2	62.0	62.2	62.2
26.4	41.3	46.[illegible]	55.3	57.0	58.9	59.8	61.8	62.4	63.0	63.0	63.0	63.1	63.3	63.3	63.3	63.3
26.4	41.7	47.3	53.7	57.5	59.5	60.4	62.3	63.1	63.6	63.6	63.6	63.7	63.9	63.9	63.9	63.9
29.8	46.8	52.0	58.7	62.8	64.8	65.7	67.9	68.7	69.1	69.1	69.1	69.2	69.5	69.5	69.5	69.5
31.1	48.1	55.0	62.3	66.7	68.9	69.8	71.9	72.7	73.2	73.2	73.2	73.3	73.5	73.5	73.5	73.5
31.8	49.1	56.1	63.5	68.0	70.1	71.0	73.3	74.1	74.5	74.5	74.5	74.7	74.9	74.9	74.9	74.9
32.6	50.0	57.2	64.6	69.3	71.5	72.6	74.9	75.8	76.2	76.2	76.2	76.4	76.6	76.6	76.6	76.6
33.1	51.0	58.3	65.8	71.5	72.6	73.8	76.2	77.1	77.6	77.6	77.6	77.7	77.9	77.9	77.9	77.9
34.1	52.5	59.7	67.3	71.9	74.2	75.5	77.9	79.8	79.3	79.3	79.3	79.4	79.6	79.6	79.6	79.6
35.1	54.1	61.9	69.1	73.8	76.0	77.3	79.8	80.7	81.1	81.1	81.1	81.2	81.4	81.4	81.4	81.4
35.0	56.3	63.8	71.4	76.0	78.5	79.8	82.2	83.1	83.6	83.6	83.6	83.7	83.9	83.9	83.9	83.9
36.2	56.9	64.5	72.2	76.8	79.3	80.7	83.1	84.2	84.5	84.6	84.6	84.7	85.[illegible]	85.0	85.0	85.0
36.4	57.6	65.3	73.2	77.8	80.3	81.7	84.2	85.2	85.6	85.6	85.6	85.7	86.0	86.0	86.0	86.0
37.3	58.7	66.6	74.9	79.6	82.1	83.5	86.3	87.3	87.8	87.8	87.8	87.9	88.1	88.1	88.1	88.1
37.9	60.5	67.4	76.9	81.9	84.5	86.0	88.9	89.9	90.4	90.4	90.4	90.5	90.7	90.7	90.7	90.7
38.1	60.9	69.9	77.4	82.6	85.3	87.0	89.9	91.0	91.4	91.4	91.4	91.5	91.7	91.7	91.7	91.7
38.2	61.5	69.5	79.2	83.6	86.3	88.1	91.1	92.1	92.5	92.5	92.5	92.6	92.9	92.9	92.9	92.9
38.6	62.2	70.7	79.4	85.0	87.8	89.6	92.5	93.6	94.0	94.0	94.0	94.1	94.3	94.3	94.3	94.3
38.6	62.6	71.8	80.3	86.0	89.1	91.0	93.9	95.0	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
38.6	62.8	71.9	80.5	86.4	89.7	91.5	94.5	95.6	96.0	96.0	96.0	96.2	96.4	96.4	96.4	96.4
38.6	62.8	71.9	80.8	87.0	90.6	92.5	95.6	97.1	97.5	97.5	97.5	97.6	97.9	97.9	97.9	97.9
38.6	62.8	71.0	81.0	87.3	91.0	92.9	95.9	97.5	98.0	98.0	98.0	98.1	98.3	98.3	98.3	98.3
38.6	62.8	71.0	81.2	87.8	91.4	93.3	96.7	98.4	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.4
38.6	62.8	71.0	81.2	87.8	91.4	93.3	96.8	98.5	99.0	99.2	99.3	99.5	99.8	99.8	99.8	99.8
38.6	62.8	71.0	81.2	87.8	91.4	93.3	96.8	98.5	99.0	99.2	99.4	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 384

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11.6	20.0	23.7	27.9	30.6	33.3	35.2	37.8	38.2	38.5	38.6	38.8	39.3	39.8	40.1	40.4
13.3	22.8	26.2	31.9	35.0	37.9	39.9	43.0	43.5	44.5	44.6	44.9	45.4	45.8	46.2	46.6
13.3	22.8	26.2	31.9	35.0	37.9	39.9	43.0	43.6	44.6	44.6	44.9	45.4	45.8	46.2	46.6
13.3	22.8	26.2	31.9	35.0	37.9	39.9	43.0	43.6	44.5	44.6	44.9	45.4	45.8	46.2	46.6
13.5	23.0	26.5	32.1	35.2	38.1	40.1	43.4	44.2	45.3	45.3	45.5	46.1	46.5	46.8	47.3
14.4	24.6	28.0	34.2	37.4	40.3	42.3	45.0	45.7	48.0	48.1	48.3	48.8	49.3	49.6	50.1
16.1	27.2	31.1	37.3	40.5	43.4	45.5	49.2	49.9	51.3	51.5	51.7	52.3	52.7	53.0	53.5
17.2	29.1	33.4	40.1	43.4	46.5	48.8	53.0	53.8	55.1	55.4	55.6	56.1	56.5	56.9	57.4
17.2	29.2	33.6	40.2	43.5	46.6	48.9	53.3	54.0	55.4	55.6	55.8	56.4	56.8	57.1	57.5
17.3	29.3	33.7	40.3	43.6	46.7	49.1	53.4	54.2	55.5	55.7	55.9	56.5	56.9	57.3	57.7
17.7	30.3	35.0	41.9	45.4	48.8	51.2	55.7	56.6	58.0	58.3	58.5	59.0	59.5	59.8	60.2
21.0	34.3	39.0	46.1	49.7	53.8	56.3	61.0	61.9	63.5	63.7	63.9	64.5	64.9	65.2	65.7
21.6	35.0	39.8	47.0	50.8	54.9	57.4	62.1	63.0	64.6	64.8	65.0	65.6	66.0	66.3	66.8
22.4	36.0	40.8	48.1	52.0	56.3	58.7	63.5	64.3	66.0	66.2	66.4	67.0	67.4	67.8	68.2
23.0	36.8	41.5	48.9	52.9	57.1	59.7	64.5	65.3	67.0	67.2	67.4	68.0	68.4	68.8	69.2
24.0	38.5	43.4	51.2	55.3	59.5	62.0	67.0	67.9	69.5	69.8	70.0	70.5	71.0	71.3	71.8
24.5	39.9	44.9	53.0	57.5	61.6	64.3	69.4	70.4	72.1	72.3	72.5	73.1	73.5	73.9	74.3
25.1	42.0	47.1	55.5	60.0	64.5	67.1	72.3	73.5	75.2	75.4	75.6	76.2	76.6	77.0	77.4
25.7	42.7	48.	56.4	61.0	65.4	68.1	73.3	74.8	76.3	76.5	76.7	77.3	77.7	78.1	78.5
26.1	43.9	49.0	58.1	62.9	67.4	70.1	75.3	76.6	78.3	78.5	78.7	79.3	79.7	80.1	80.5
26.3	45.4	50.4	60.1	65.2	70.1	72.8	78.2	79.5	81.2	81.4	81.6	82.2	82.6	82.9	83.4
26.9	46.0	51.7	61.1	66.3	71.3	74.0	79.6	81.1	82.7	82.9	83.2	83.7	84.2	84.5	84.9
27.2	46.5	52.5	62.3	67.9	72.9	75.5	81.2	82.6	84.3	84.5	84.7	85.3	85.7	86.0	86.5
27.7	47.5	53.4	63.6	69.2	74.4	77.1	82.8	84.3	85.9	86.2	86.4	87.0	87.5	87.8	88.3
28.1	48.4	54.5	64.9	70.8	76.0	78.7	84.5	86.0	87.7	87.9	88.2	88.8	89.3	89.6	90.0
28.5	48.8	55.1	65.8	72.0	77.4	80.2	85.9	87.5	89.1	89.4	89.6	90.3	90.7	91.0	91.5
28.6	49.5	56.1	66.9	73.2	78.6	81.6	87.4	89.0	90.9	91.1	91.4	92.0	92.5	92.9	93.2
28.7	49.7	56.6	67.4	73.8	79.4	82.3	88.2	90.1	92.0	92.2	92.5	93.1	93.6	93.9	94.4
28.7	49.7	56.7	67.7	74.3	80.1	83.1	89.3	91.5	93.4	93.6	93.8	94.5	94.9	95.2	95.7
28.7	49.7	56.7	67.8	74.4	80.5	83.5	89.8	92.2	94.2	94.5	94.7	95.3	95.8	96.1	96.7
28.7	49.7	56.7	67.9	74.6	80.7	83.7	90.1	92.5	94.8	95.0	95.2	96.0	96.5	97.1	98.1
28.7	49.7	56.7	67.9	74.6	80.7	83.7	90.1	92.5	94.8	95.2	95.5	96.2	97.0	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 923

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] SPITE NORTON RAF UK [illegible]

[illegible]	16.4	17.[illegible]	[illegible]	27.4	24.[illegible]	26.3	[illegible]	28.7	28.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17.6	[illegible]	24.[illegible]	[illegible]	31.8	[illegible]	35.5	36.[illegible]	39.3	35.4	39.7	[illegible]	42.1	[illegible]	[illegible]	47.4	[illegible]	[illegible]	[illegible]	[illegible]
17.[illegible]	22.3	24.[illegible]	[illegible]	31.8	[illegible]	35.5	39.[illegible]	39.7	35.4	39.7	[illegible]	[illegible]	[illegible]	[illegible]	47.4	47.6	[illegible]	[illegible]	[illegible]
17.[illegible]	22.3	24.[illegible]	[illegible]	31.8	33.4	35.5	36.[illegible]	[illegible]	38.4	39.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13.[illegible]	[illegible]	24.7	[illegible]	32.6	34.2	36.3	36.8	40.1	40.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	26.9	31.[illegible]	35.2	36.[illegible]	38.9	41.6	42.7	43.1	47.4	[illegible]	[illegible]	[illegible]	[illegible]	43.7	43.9	44.1	[illegible]	[illegible]
16.7	27.5	27.[illegible]	34.6	[illegible]	4[illegible].3	42.5	45.2	46.[illegible]	46.7	47.[illegible]	47.[illegible]	47.[illegible]	47.4	47.[illegible]	47.7	47.7	47.[illegible]	[illegible]	[illegible]
17.[illegible]	[illegible]	[illegible]	35.6	41.3	41.6	44.1	47.1	48.[illegible]	48.5	49.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49.7	[illegible]	[illegible]	[illegible]
17.5	[illegible]	37.[illegible]	[illegible]	41.2	[illegible]	44.3	47.5	48.[illegible]	49.2	49.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17.[illegible]	28.5	37.[illegible]	[illegible]	43.3	42.1	44.5	47.7	49.1	49.4	49.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7
17.7	29.[illegible]	37.1	37.3	41.9	43.7	46.2	50.3	51.[illegible]	51.6	[illegible]	[illegible]	52.2	52.5	52.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17.8	31.3	35.[illegible]	43.9	45.7	47.5	50.1	54.3	55.[illegible]	55.8	56.2	56.2	56.5	56.7	57.[illegible]	57.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	33.[illegible]	3[illegible].5	42.4	47.3	49.2	51.3	55.7	57.[illegible]	57.[illegible]	57.[illegible]	[illegible]	[illegible]	58.3	58.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21.5	[illegible]	37.[illegible]	43.8	46.7	[illegible]	53.4	57.5	58.[illegible]	59.1	[illegible]	[illegible]	[illegible]	61.9	62.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22.4	37.1	4[illegible]	46.3	50.9	52.9	55.6	59.5	61.[illegible]	61.3	61.5	61.3	62.1	62.3	62.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	38.7	41.[illegible]	48.4	57.4	[illegible]	58.2	62.2	67.[illegible]	64.[illegible]	64.4	64.5	64.8	65.1	65.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4.7	4[illegible].3	43.7	[illegible]	[illegible]	57.6	60.5	64.[illegible]	[illegible]	66.7	67.[illegible]	67.1	67.5	67.7	67.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	41.[illegible]	46.[illegible]	53.2	58.4	[illegible]	63.9	68.3	69.[illegible]	[illegible]	70.1	70.4	7[illegible].5	70.9	71.1	71.3	71.6	[illegible]	[illegible]	[illegible]
26.1	42.6	46.[illegible]	54.3	59.9	62.[illegible]	65.1	69.5	71.1	71.7	72.[illegible]	72.1	72.5	72.7	72.9	73.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27.5	44.5	48.6	56.4	62.5	64.[illegible]	67.1	71.7	73.7	73.9	74.[illegible]	74.3	74.7	74.9	75.1	75.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	46.3	50.5	55.6	64.3	66.3	69.4	74.1	75.6	76.1	76.5	76.6	76.9	77.2	77.4	77.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.6	52.7	63.7	66.7	68.7	71.5	76.5	78.7	78.8	79.1	79.2	79.6	79.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29.6	48.9	53.7	62.2	65.7	70.2	73.4	76.1	77.7	80.[illegible]	80.5	81.7	81.1	81.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3[illegible].5	49.[illegible]	54.6	63.5	69.4	71.5	74.7	79.5	81.2	81.8	82.2	82.3	82.6	82.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30.5	5[illegible].6	55.4	64.6	70.7	72.3	76.[illegible]	80.9	82.[illegible]	83.3	83.7	83.5	84.1	84.4	84.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30.5	51.4	56.5	65.6	72.1	74.4	77.7	82.9	84.7	85.4	85.7	85.8	86.2	86.4	86.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30.5	51.8	57.2	67.0	73.4	76.3	79.7	84.8	85.[illegible]	87.8	88.2	88.4	88.7	88.9	89.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible].7	52.4	57.9	66.3	75.0	77.6	81.4	86.9	89.[illegible]	90.1	90.6	90.8	91.1	91.3	91.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible].7	52.6	58.[illegible]	68.8	75.8	78.7	83.0	89.3	91.5	92.5	93.2	93.3	93.6	93.9	94.1	94.3	[illegible]	[illegible]	[illegible]	[illegible]
31.7	52.6	58.[illegible]	68.8	76.3	79.2	83.6	89.8	92.7	94.1	94.6	94.9	95.4	95.7	95.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32.7	52.6	58.2	68.8	76.9	79.2	83.6	90.3	92.9	94.4	95.4	95.8	96.5	96.7	96.9	97.3	[illegible]	[illegible]	[illegible]	[illegible]
32.7	52.6	58.[illegible]	68.8	76.9	79.2	83.6	90.3	92.9	94.4	95.4	95.8	96.6	97.5	97.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BRIDGE NORTON RAF UK 73-82 [illegible]

[illegible] 100

14.0	22.7	24.[illegible]	25.6	26.8	27.1	27.6	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
32.1	33.5	34.7	36.7	38.4	39.[illegible]	39.4	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
32.3	33.3	34.[illegible]	36.9	38.6	39.2	39.6	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
32.4	33.4	35.0	37.1	38.7	39.3	39.7	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
33.3	34.4	36.[illegible]	38.1	39.7	40.3	40.7	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
34.4	36.2	37.8	40.1	41.9	42.4	42.9	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
35.7	38.8	41.5	42.9	45.0	45.5	46.0	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
36.5	40.1	41.9	44.3	46.4	47.0	47.5	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
35.8	40.2	42.0	44.4	46.7	47.2	47.8	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
37.2	40.6	42.4	44.9	47.1	47.7	48.2	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
35.0	42.2	44.0	46.4	48.7	49.2	49.9	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
31.7	47.1	49.1	51.6	54.2	54.9	55.8	56.7	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
33.1	49.2	51.3	54.0	56.6	57.3	58.1	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
35.0	52.7	54.9	57.6	60.2	60.9	61.8	62.7	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
37.4	53.9	56.1	58.8	61.4	62.3	63.2	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
40.5	57.3	59.6	62.4	65.0	65.8	66.9	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
40.1	62.4	64.7	67.7	70.3	71.2	72.3	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
40.1	66.0	70.7	73.5	76.2	77.1	78.2	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
40.1	69.9	72.2	75.4	79.2	79.2	80.4	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
50.3	73.0	75.4	79.0	82.0	83.0	84.3	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
54.8	77.1	79.9	83.6	86.6	87.6	89.0	89.8	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
55.2	78.2	81.0	84.9	88.3	89.6	91.1	92.0	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
55.5	78.8	81.6	85.6	89.0	90.4	92.0	93.0	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
55.7	79.5	82.3	86.5	90.0	91.5	93.3	94.3	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
55.9	79.7	82.6	87.1	90.6	92.3	94.3	95.3	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
55.9	79.8	82.9	87.5	91.1	92.7	94.8	95.9	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
55.9	80.0	83.4	88.1	91.7	93.4	95.6	97.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
55.9	80.0	83.5	88.4	92.5	94.3	96.9	98.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
55.9	80.0	83.5	88.4	92.5	94.3	97.0	98.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
55.9	80.0	83.5	88.4	92.5	94.3	97.0	98.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
55.9	80.0	83.5	88.4	92.5	94.3	97.0	98.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
55.9	80.0	83.5	88.4	92.5	94.3	97.0	98.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 306

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03470 BRIZE NORTON RAF UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

17.9	25.3	25.7	26.3	26.5	26.5	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
25.7	35.4	35.8	36.7	36.9	36.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
28.0	35.8	36.1	37.0	37.2	37.2	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
28.0	35.8	36.1	37.0	37.2	37.2	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
28.7	36.4	36.8	37.7	38.0	38.0	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
29.1	38.7	39.2	40.2	40.7	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
29.9	41.3	41.9	42.8	43.6	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
30.5	42.8	43.4	44.4	45.4	45.6	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
30.9	43.4	43.9	45.0	46.0	46.2	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
31.5	44.1	44.5	45.6	46.7	47.0	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
33.4	46.1	46.7	47.9	49.1	49.3	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
41.3	55.7	56.5	57.6	59.0	59.2	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
45.3	59.8	60.5	61.8	63.1	63.3	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
49.9	65.4	66.1	67.5	68.9	69.2	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
54.3	69.7	70.5	71.9	73.3	73.5	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
58.7	75.8	76.5	78.0	79.5	79.7	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
62.9	79.7	80.5	82.0	83.4	83.6	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
65.3	84.0	85.0	86.4	88.1	88.3	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
66.5	85.4	86.4	87.9	89.6	89.9	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
67.5	86.9	87.9	89.3	91.0	91.5	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
68.5	88.3	90.0	91.6	93.3	93.5	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
68.6	89.5	90.4	92.5	94.3	94.8	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
68.7	89.6	90.9	92.8	94.5	95.1	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
68.7	89.8	91.3	93.0	95.0	95.5	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
68.7	90.0	91.5	93.4	95.4	96.0	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
68.7	90.4	91.9	94.1	96.1	96.6	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
68.7	90.6	92.2	94.3	96.4	97.0	98.2	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
68.7	90.7	92.4	94.5	96.7	97.4	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
68.7	90.7	92.4	94.5	96.9	97.5	98.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
68.7	90.7	92.4	94.5	96.9	97.5	98.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
68.7	90.7	92.4	94.5	96.9	97.5	98.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
68.7	90.7	92.4	94.5	96.9	97.5	98.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE 1500-1700
FROM HOURLY OBSERVATIONS

[illegible]	27.6	28.	28.4	28.6	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
26.7	37.3	37.9	38.3	38.8	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
26.9	37.6	38.1	38.6	39.0	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
26.9	37.6	38.1	38.6	39.0	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
27.6	38.6	39.1	39.6	40.0	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
30.2	42.3	42.9	43.4	43.8	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
33.6	46.6	47.3	48.0	48.5	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
34.5	48.4	49.1	50.0	50.9	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
34.6	48.7	49.3	50.2	51.2	51.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
35.9	49.9	50.6	51.5	52.5	53.0	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
38.3	53.3	53.9	54.9	56.6	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
47.3	63.3	64.3	65.4	67.2	67.8	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
51.0	68.5	69.5	70.5	72.3	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
54.5	72.2	73.3	74.3	76.1	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
56.4	74.5	75.7	76.8	78.6	79.3	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
58.5	77.9	79.0	80.3	82.2	83.1	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
60.9	80.8	82.1	83.4	85.4	86.3	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
63.3	84.2	85.8	87.1	89.2	90.2	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
64.2	85.4	87.0	88.6	90.8	91.8	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
65.1	86.3	87.9	89.6	91.9	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
65.7	87.3	89.0	90.9	93.3	94.3	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
65.9	88.3	90.2	92.2	94.6	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
66.0	88.6	90.5	92.4	94.8	96.0	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
66.0	88.6	90.6	92.7	95.4	96.6	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
66.0	88.6	90.6	92.9	95.7	97.1	97.5	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
66.0	88.8	90.8	93.3	96.2	97.5	98.0	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
66.0	88.8	90.9	93.4	96.4	97.8	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
66.0	88.8	90.9	93.5	96.6	98.0	98.4	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
66.0	88.8	90.9	93.6	96.7	98.3	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66.0	88.8	90.9	93.6	96.7	98.3	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66.0	88.8	90.9	93.6	96.7	98.3	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66.0	88.8	90.9	93.6	96.7	98.3	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

24.3	34.7	35.7	36.2	36.5	36.7	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
31.3	45.0	46.8	47.9	48.5	48.8	48.8	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
31.3	45.0	46.8	47.9	48.5	48.8	48.8	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
31.3	45.0	46.8	47.9	48.5	48.8	48.8	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
32.5	45.6	47.5	48.6	49.2	49.5	49.5	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
35.3	49.4	51.2	52.4	53.0	53.3	53.3	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
38.3	53.5	55.5	57.0	57.5	58.0	58.2	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
39.2	54.6	56.7	58.3	59.0	59.5	59.8	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
40.3	55.0	57.2	59.0	59.7	60.1	60.5	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
40.7	55.6	57.8	59.8	60.5	60.9	61.4	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
42.1	56.2	60.5	62.7	63.9	64.4	64.9	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
47.6	65.6	69.3	70.9	72.1	72.8	73.3	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
50.7	69.4	72.8	74.6	75.9	76.6	77.0	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
51.9	71.2	73.8	76.6	77.9	78.6	79.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
53.3	73.4	76.1	78.9	80.3	81.0	81.4	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
55.2	76.1	79.9	82.0	83.5	84.3	84.9	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
56.5	77.9	80.9	84.0	85.5	86.3	87.0	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
58.2	80.3	83.4	86.7	88.2	89.0	89.7	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
58.4	80.7	83.8	87.2	88.7	89.5	90.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
58.9	81.3	84.6	88.3	89.9	90.7	91.4	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
59.6	82.9	86.1	89.8	91.5	92.3	93.1	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
59.7	83.2	86.6	90.4	92.3	93.1	93.9	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
59.8	83.5	86.9	90.6	92.5	93.3	94.1	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
59.8	83.5	87.2	90.9	93.0	93.8	94.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
59.8	83.7	87.4	91.3	93.5	94.6	95.7	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
59.8	83.8	87.5	91.6	94.1	95.2	96.6	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
59.8	83.8	87.5	91.7	94.2	95.4	96.7	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
59.8	83.9	87.7	92.0	94.7	95.8	97.2	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
59.8	83.9	87.7	92.2	94.9	96.4	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
59.8	83.9	87.7	92.2	94.9	96.4	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
59.8	83.9	87.7	92.2	94.9	96.4	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
59.8	83.9	87.7	92.2	94.9	96.4	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 693

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
FROM HOURLY OBSERVATIONS

24.5	36.1	40.7	43.6	44.7	45.2	45.6	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
29.4	45.1	48.1	51.6	53.0	53.8	54.5	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
29.4	45.1	48.1	51.6	53.0	53.8	54.5	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
29.6	45.2	48.2	51.7	53.1	53.9	54.6	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
30.2	45.8	49.0	52.5	54.0	54.8	55.5	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
31.5	48.2	51.7	55.3	57.0	57.8	58.4	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
33.7	50.9	54.5	56.2	60.0	60.9	61.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
34.5	51.7	55.5	59.2	61.0	62.0	63.0	64.2	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
34.6	51.9	55.7	59.4	61.2	62.2	63.3	64.5	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
35.1	52.5	56.4	60.3	62.4	63.4	64.4	65.6	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
36.5	54.7	58.9	62.9	65.1	66.4	67.4	68.7	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
39.6	59.9	64.4	68.7	70.9	72.2	73.3	74.6	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
40.8	61.3	66.1	70.3	72.6	73.9	74.9	76.3	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9
41.1	62.1	67.1	71.5	73.8	75.3	76.4	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
42.2	63.8	69.9	73.1	75.5	77.0	78.2	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
44.4	66.7	72.2	76.7	79.3	80.8	82.2	83.6	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
45.3	66.5	74.0	79.0	81.9	83.4	84.8	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
46.1	70.1	76.1	81.0	84.3	85.7	87.3	88.8	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
46.4	70.4	76.4	81.5	84.7	86.2	87.8	89.2	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
46.7	70.9	77.1	82.2	85.7	87.2	88.8	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
47.8	72.2	78.4	83.6	87.2	88.8	90.3	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
48.7	73.6	79.8	84.9	88.7	90.2	91.8	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
48.7	73.9	80.1	85.3	89.3	91.0	92.6	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
48.8	74.5	81.2	86.6	90.8	92.6	94.2	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
49.6	74.6	81.6	87.0	91.2	93.1	94.7	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
49.8	75.1	82.2	88.0	92.5	94.5	96.2	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
49.8	75.1	82.2	88.0	92.5	94.5	96.4	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
49.8	75.1	82.2	88.0	92.5	94.5	96.4	98.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
49.8	75.1	82.2	88.2	92.9	95.1	97.0	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.8	75.1	82.5	88.2	93.0	95.2	97.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
49.8	75.1	82.5	88.2	93.0	95.2	97.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
49.8	75.1	82.5	88.2	93.0	95.2	97.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 89[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

27.9	27.0	28.8	31.2	32.7	33.5	34.2	34.9	35.2	35.3	35.3	35.3	35.4	35.5	35.6	35.6
33.3	34.5	35.7	39.7	41.5	42.5	43.3	44.4	44.7	44.9	44.9	45.0	45.1	45.2	45.3	45.3
33.1	34.6	36.8	39.8	41.6	42.6	43.4	44.5	44.8	45.0	45.1	45.1	45.2	45.3	45.4	45.5
33.1	34.6	36.8	39.8	41.6	42.6	43.4	44.5	44.9	45.0	45.1	45.1	45.2	45.3	45.4	45.5
33.6	35.3	37.5	40.5	42.4	43.4	44.2	45.3	45.6	45.8	45.9	45.9	46.0	46.1	46.2	46.3
35.3	37.7	40.0	43.2	45.1	46.1	46.9	48.1	48.4	48.7	48.7	48.7	48.9	49.0	49.0	49.1
37.5	40.7	43.2	46.5	48.6	49.7	50.6	51.9	52.3	52.5	52.6	52.6	52.8	52.9	52.9	53.0
38.3	41.9	44.6	48.1	50.3	51.5	52.5	53.9	54.4	54.7	54.8	54.8	54.9	55.0	55.1	55.2
38.5	42.3	44.9	48.4	50.7	51.9	52.9	54.5	54.9	55.2	55.3	55.3	55.4	55.6	55.6	55.7
38.9	42.8	45.4	49.0	51.3	52.5	53.6	55.1	55.6	55.9	56.0	56.0	56.1	56.2	56.3	56.4
30.5	45.0	47.9	51.6	54.2	55.5	56.6	58.3	58.8	59.1	59.2	59.2	59.3	59.4	59.5	59.6
34.9	50.8	53.9	57.9	60.7	62.1	63.3	65.1	65.7	66.0	66.1	66.1	66.2	66.3	66.4	66.5
36.9	53.3	56.5	60.5	63.3	64.8	65.9	67.8	68.3	68.6	68.7	68.8	68.9	69.0	69.1	69.2
38.8	55.6	58.9	63.0	65.9	67.4	68.6	70.4	71.0	71.4	71.4	71.5	71.6	71.7	71.8	71.9
40.3	57.5	60.9	65.0	67.9	69.4	70.7	72.6	73.2	73.5	73.6	73.6	73.7	73.8	73.9	74.0
42.4	60.4	63.9	68.3	71.2	72.8	74.2	76.1	76.7	77.0	77.1	77.1	77.3	77.4	77.4	77.5
44.3	63.0	66.6	71.1	74.2	75.8	77.2	79.1	79.7	80.1	80.1	80.2	80.3	80.4	80.5	80.6
46.1	65.9	69.7	74.4	77.6	79.2	80.7	82.7	83.3	83.7	83.8	83.8	83.9	84.0	84.1	84.2
46.7	66.8	70.6	75.4	78.7	80.4	81.9	83.9	84.6	84.9	85.0	85.0	85.2	85.3	85.3	85.4
47.6	68.1	72.0	77.0	80.4	82.2	83.6	85.7	86.3	86.7	86.8	86.8	86.9	87.1	87.1	87.2
48.6	69.8	73.9	79.1	82.6	84.4	85.9	88.1	88.7	89.1	89.2	89.2	89.3	89.5	89.5	89.6
49.0	70.9	75.1	80.5	84.1	86.0	87.5	89.8	90.5	90.8	90.9	90.9	91.1	91.2	91.3	91.3
49.2	71.3	75.6	81.1	84.9	86.8	88.4	90.6	91.3	91.7	91.7	91.8	91.9	92.0	92.1	92.2
49.4	71.8	76.3	81.9	85.8	87.8	89.4	91.7	92.4	92.8	92.9	92.9	93.0	93.2	93.2	93.3
49.6	72.2	76.7	82.6	86.6	88.7	90.5	92.8	93.5	93.9	94.0	94.0	94.2	94.3	94.4	94.4
49.6	72.6	77.2	83.3	87.5	89.7	91.5	93.9	94.7	95.1	95.2	95.3	95.4	95.5	95.6	95.7
49.6	72.8	77.6	83.7	88.0	90.3	92.3	94.7	95.6	96.1	96.2	96.2	96.4	96.5	96.5	96.6
49.7	72.9	77.8	84.1	88.6	91.0	93.0	95.5	96.5	97.0	97.2	97.2	97.4	97.5	97.6	97.6
49.7	73.0	77.9	84.3	89.0	91.4	93.6	96.3	97.4	97.9	98.0	98.1	98.2	98.3	98.4	98.5
49.7	73.0	77.9	84.3	89.0	91.6	93.8	96.6	97.8	98.3	98.5	98.6	98.7	98.8	98.9	99.0
49.7	73.0	77.9	84.4	89.1	91.6	93.8	96.6	97.8	98.5	98.7	98.8	99.0	99.1	99.2	99.5
49.7	73.0	77.9	84.4	89.1	91.6	93.8	96.6	97.8	98.5	98.7	98.8	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7116

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

5849 BRIZE NORTON RAF UK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

16.0	28.3	29.9	32.3	35.9	37.6	39.2	41.1	41.9	41.8	42.2	42.2	42.3	42.5	42.5	42.5
19.9	32.2	34.4	37.2	41.0	42.9	44.5	46.6	47.1	47.3	47.8	47.8	47.9	48.1	48.1	48.6
19.9	32.2	34.4	37.2	41.0	42.9	44.5	46.6	47.1	47.3	47.8	47.6	47.9	48.1	48.1	48.6
20.0	32.3	34.5	37.3	41.1	43.0	44.6	46.8	47.2	47.4	47.9	47.9	48.0	48.2	48.2	48.7
20.3	32.7	34.9	37.8	41.5	43.5	45.2	47.3	47.8	48.0	48.5	48.5	48.6	48.8	48.9	49.3
21.7	34.4	36.8	39.6	43.3	45.3	47.0	49.1	49.6	49.8	50.3	50.3	50.4	50.6	50.6	51.1
22.3	36.2	38.7	41.9	45.6	47.7	49.5	51.6	52.1	52.3	52.8	52.8	52.9	53.1	53.1	53.6
24.1	37.8	41.3	43.7	47.6	49.6	51.5	53.7	54.2	54.4	54.8	54.8	54.9	55.2	55.2	55.6
24.3	38.3	41.0	44.7	48.7	51.7	52.7	54.8	55.3	55.5	56.0	56.0	56.1	56.3	56.3	56.8
24.6	38.7	41.3	45.1	49.0	51.1	53.0	55.2	55.6	55.9	56.3	56.3	56.4	56.7	56.7	57.1
25.4	39.9	42.7	46.5	50.5	52.6	54.5	56.9	57.3	57.7	58.4	58.4	58.5	58.7	58.7	59.0
27.6	43.1	46.[illegible]	49.9	54.0	56.2	58.1	60.9	61.3	61.7	62.3	62.3	62.5	62.7	62.7	63.1
28.4	44.7	46.9	50.9	54.9	57.1	59.0	61.8	62.2	62.6	63.3	63.3	63.4	63.6	63.6	64.1
29.5	46.5	48.8	52.8	56.9	59.[illegible]	61.0	63.7	64.0	64.5	65.2	65.2	65.3	65.5	65.5	66.0
30.0	46.3	49.8	53.9	58.4	60.8	62.7	65.4	65.9	66.2	66.9	66.9	67.0	67.2	67.2	67.7
31.4	48.7	52.3	56.9	62.0	64.4	66.3	69.1	69.5	69.9	70.5	70.5	70.6	70.9	70.9	71.3
32.4	49.9	53.9	58.7	64.1	66.4	68.4	71.2	71.7	72.0	72.7	72.7	72.8	73.[illegible]	73.0	73.[illegible]
33.6	52.4	56.[illegible]	61.8	67.7	70.2	72.1	75.0	75.4	75.8	76.5	76.5	76.6	76.9	76.9	77.2
34.2	53.1	57.7	62.6	68.7	71.2	73.2	76.0	76.5	76.8	77.5	77.5	77.6	77.8	77.8	78.3
34.5	54.5	59.0	64.3	70.3	72.9	74.9	77.7	78.3	78.8	79.5	79.5	79.6	79.9	79.9	80.5
37.0	59.3	64.2	70.2	76.5	79.1	81.2	84.0	84.6	85.2	85.9	85.9	86.0	86.2	86.2	86.7
38.2	61.0	65.9	72.4	78.8	81.5	83.5	86.5	87.3	87.8	88.5	88.5	88.6	88.9	88.9	89.3
38.3	61.3	66.2	72.8	79.4	82.3	84.3	87.3	88.1	88.6	89.3	89.3	89.4	89.6	89.6	90.1
38.5	61.9	66.3	73.4	80.1	83.0	85.1	88.1	88.9	89.5	90.2	90.2	90.3	90.6	90.6	91.0
39.4	63.1	68.0	74.6	81.6	84.6	86.8	90.1	90.9	91.6	92.3	92.3	92.4	92.6	92.6	93.1
39.4	63.5	68.5	75.5	83.0	86.2	88.5	92.3	93.1	93.7	94.4	94.4	94.5	94.8	94.8	95.2
39.4	63.6	68.7	76.0	83.7	87.1	89.6	93.4	94.2	94.9	95.6	95.6	95.7	95.9	95.9	96.4
39.4	63.6	68.8	76.5	84.3	87.7	90.2	94.5	95.3	96.0	96.7	96.7	96.8	97.0	97.0	97.5
39.4	63.6	68.9	76.7	84.6	88.3	90.8	95.3	96.1	96.9	97.6	97.6	97.7	98.0	98.0	98.4
39.4	63.6	68.9	76.8	84.8	88.4	91.0	95.7	96.8	97.5	98.3	98.3	98.4	98.6	98.6	99.1
39.4	63.6	68.9	76.8	84.8	88.4	91.0	95.7	96.9	98.0	98.6	98.7	98.9	99.1	99.1	99.5
39.4	63.6	68.9	76.8	84.8	88.4	91.0	95.7	96.8	98.0	98.7	98.9	99.[illegible]	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2720

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-82 SEP

17.5	20.9	22.2	24.6	26.7	28.4	29.3	32.6	33.6	34.7	34.7	35.0	36.1	36.5	37.0	37.4	
18.1	23.9	26.5	29.1	31.4	33.2	34.4	37.8	38.9	40.0	40.2	40.3	41.4	41.[illegible]	42.4	42.[illegible]	
18.1	23.9	26.5	29.5	31.7	33.6	34.7	38.1	39.2	40.3	40.5	40.6	41.8	42.2	42.7	43.3	
18.1	23.9	26.5	29.5	31.7	33.6	34.7	38.1	39.2	40.3	40.5	40.6	41.8	42.2	42.7	43.3	
18.3	24.2	26.8	29.8	32.1	34.4	35.6	39.0	40.1	41.3	41.4	41.7	42.8	43.3	43.7	44.3	
17.5	25.7	28.3	31.3	33.6	36.1	37.3	40.8	41.8	43.0	43.3	43.4	44.5	45.[illegible]	45.4	46.[illegible]	
18.6	27.3	30.0	33.3	35.7	38.2	39.6	43.3	44.7	45.5	45.8	45.9	47.1	47.5	47.9	48.5	
18.6	27.5	30.3	33.6	36.3	39.2	40.5	44.2	45.2	46.5	46.8	46.9	48.1	48.5	49.0	49.5	
18.8	27.7	30.5	33.8	36.5	39.6	41.0	44.6	45.7	46.9	47.3	47.4	48.5	49.[illegible]	49.4	50.[illegible]	
19.2	28.1	30.[illegible]	34.2	37.0	40.1	41.4	45.1	46.1	47.4	47.7	47.8	49.0	49.4	49.9	50.5	
20.1	29.6	32.4	36.0	38.8	41.9	43.3	46.9	47.9	49.2	49.5	49.7	50.8	51.3	51.7	52.3	
21.1	31.4	34.6	38.4	41.2	44.5	45.9	49.8	51.1	52.6	53.0	53.1	54.2	54.7	55.1	55.7	
22.0	32.6	35.7	39.7	42.7	46.0	47.4	51.3	52.6	54.1	54.5	54.6	55.7	56.2	56.6	57.2	
22.9	34.2	37.4	41.7	44.9	48.2	49.5	53.4	54.9	56.3	56.6	56.7	57.9	58.3	58.8	59.4	
23.6	35.2	38.4	42.7	45.9	49.5	50.9	54.8	56.2	57.8	58.1	58.2	59.4	59.8	60.3	60.8	
24.7	37.2	40.4	45.3	48.5	52.2	53.5	57.6	59.0	60.6	61.0	61.1	62.2	62.7	63.1	63.7	
25.2	38.7	42.[illegible]	47.0	50.8	54.5	55.8	59.9	61.3	62.9	63.2	63.4	64.5	65.0	65.4	66.0	
26.7	41.1	45.[illegible]	50.5	54.3	58.4	59.8	64.0	65.4	67.0	67.4	67.5	68.6	69.1	69.5	70.1	
27.3	42.4	46.7	52.2	56.1	60.2	61.5	65.8	67.1	68.7	69.1	69.2	70.3	70.8	71.2	71.8	
28.1	44.1	48.5	54.2	58.2	62.3	63.7	67.9	69.3	70.9	71.2	71.3	72.5	72.9	73.4	74.[illegible]	
29.9	47.3	52.5	58.9	63.4	67.8	69.2	73.4	74.8	76.5	76.8	76.9	78.1	78.5	79.0	79.6	
30.6	49.5	55.1	61.6	66.3	70.9	72.5	76.7	78.2	79.9	80.3	80.4	81.5	82.0	82.4	83.0	
31.2	50.8	56.4	63.1	67.9	72.5	74.2	78.4	80.0	81.8	82.2	82.3	83.4	83.9	84.4	84.9	
31.8	52.2	58.[illegible]	64.7	69.6	74.3	76.0	80.5	82.1	84.1	84.5	84.6	85.7	86.2	86.6	87.2	
32.3	53.1	59.2	66.2	71.3	76.4	78.1	82.5	84.6	86.6	87.2	87.3	88.5	88.9	89.4	90.0	
32.9	54.0	60.3	67.7	73.2	78.3	80.0	84.5	86.6	88.7	89.3	89.4	90.5	91.0	91.4	92.0	
33.1	54.1	60.4	68.3	73.9	79.1	80.8	85.5	87.7	90.0	90.5	90.6	91.8	92.2	92.7	93.3	
33.1	54.3	60.8	68.9	74.8	80.5	82.2	87.3	89.5	91.8	92.4	92.5	93.6	94.1	94.5	95.1	
33.1	54.3	60.8	69.1	75.1	80.9	82.8	88.0	90.3	92.6	93.2	93.3	94.4	94.9	95.3	95.9	
33.1	54.3	60.8	69.1	75.1	81.1	82.9	88.4	90.6	93.2	93.7	94.1	95.2	95.8	96.2	96.6	
33.1	54.3	60.8	69.1	75.1	81.1	83.0	88.6	91.0	93.5	94.1	94.5	95.8	96.6	97.1	97.7	
33.1	54.3	60.8	69.1	75.1	81.1	83.0	88.6	91.1	93.6	94.2	94.6	96.1	97.1	97.7	100.	

TOTAL NUMBER OF OBSERVATIONS 576

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE 600-2800
FROM HOURLY OBSERVATIONS

12.7	17.7	19.4	21.4	22.4	23.1	23.8	25.9	26.7	27.7	28.5	29.0	29.6	30.5	31.4	31.6
18.0	25.2	26.8	30.5	31.9	33.0	34.1	36.6	37.6	39.1	40.2	40.4	41.1	42.4	43.1	44.2
18.0	25.2	26.8	30.5	31.9	33.0	34.1	36.6	37.6	39.1	40.2	40.4	41.1	42.4	43.1	44.2
18.1	25.4	27.0	30.7	32.1	33.3	34.3	36.8	37.9	39.4	40.4	40.6	41.3	42.6	43.3	44.5
18.5	25.8	27.4	31.1	32.6	33.9	35.1	37.6	38.8	40.3	41.3	41.6	42.3	43.5	44.2	45.4
19.2	26.9	28.5	32.2	33.8	35.6	37.0	39.6	40.8	42.3	43.3	43.5	44.2	45.5	46.3	47.3
21.2	29.6	31.4	35.3	37.1	38.8	40.2	43.1	44.3	46.3	47.5	47.7	48.4	49.7	50.3	51.5
21.5	29.9	31.8	35.8	37.5	39.3	40.6	43.5	44.8	46.8	47.9	48.2	48.8	50.1	50.9	52.0
21.8	30.3	32.2	36.1	37.9	39.6	41.0	44.0	45.3	47.2	48.4	48.6	49.3	50.6	51.3	52.4
1.8	30.3	32.[illegible]	36.7	38.5	40.2	41.6	44.6	45.8	47.8	49.0	49.2	49.9	51.2	51.9	53.0
22.5	31.8	33.[illegible]	37.9	39.8	41.7	43.1	46.2	47.7	49.7	50.8	51.0	51.7	53.1	53.7	54.8
24.1	33.4	35.6	39.6	41.6	43.4	44.8	48.2	49.8	51.7	52.9	53.1	53.8	55.1	55.8	57.0
24.0	33.8	36.1	41.2	42.3	44.1	45.5	48.8	50.5	52.4	53.6	53.8	54.5	55.8	56.5	57.7
26.3	34.9	37.2	41.2	43.3	45.2	46.7	50.0	51.6	53.6	54.8	55.1	55.8	57.1	57.7	59.0
26.4	35.0	37.3	41.3	43.5	45.6	47.1	50.5	52.3	54.4	55.7	55.9	56.6	57.9	58.5	59.8
27.1	37.0	39.[illegible]	43.8	46.1	48.4	50.0	53.5	55.3	57.5	58.8	59.0	59.7	61.0	61.7	62.9
28.1	38.1	4[illegible].6	44.9	47.5	49.9	51.5	55.1	57.2	59.4	60.6	60.9	61.5	62.8	63.5	64.8
29.2	4[illegible].0	43.[illegible]	47.8	50.7	53.1	54.3	58.5	60.7	63.0	64.3	64.5	65.2	66.5	67.2	68.5
29.7	40.9	43.[illegible]	48.6	51.8	54.4	56.1	59.8	62.[illegible]	64.3	65.6	65.8	66.5	67.8	68.5	69.7
30.4	41.9	44.5	50.3	53.6	56.1	57.9	61.5	63.7	66.1	67.4	67.7	68.4	69.6	70.3	71.6
32.3	46.0	49.1	55.0	58.2	60.7	62.5	66.4	68.5	70.9	72.3	72.5	73.2	74.5	75.2	76.4
33.5	48.4	51.6	57.9	61.7	64.2	66.2	70.3	72.5	74.8	76.2	76.6	77.3	78.5	79.2	80.5
34.1	49.1	52.7	59.7	63.5	66.1	68.0	72.2	74.4	76.7	78.1	78.4	79.1	80.4	81.1	82.3
34.6	50.3	54.5	62.0	65.9	68.6	70.8	75.2	77.4	79.8	81.2	81.5	82.2	83.5	84.2	85.5
34.9	51.5	55.9	63.6	67.7	70.6	72.5	76.9	79.1	81.5	82.9	83.3	83.9	85.2	85.9	87.2
34.6	52.4	56.8	64.8	69.1	72.2	74.2	78.6	80.8	83.3	84.6	85.1	85.8	87.0	87.9	89.1
34.9	52.5	57.0	65.4	69.7	73.0	75.2	79.8	82.0	84.4	85.8	86.3	87.0	88.3	89.0	90.3
34.9	52.5	57.5	66.2	70.9	74.6	77.3	82.3	84.5	87.0	88.6	89.0	89.7	91.1	91.8	93.1
34.9	52.[illegible]	58.[illegible]	66.6	71.8	75.9	78.4	83.3	86.1	88.6	90.4	90.9	91.6	93.0	93.6	94.9
34.9	52.8	58.1	66.7	72.1	76.1	78.8	84.9	87.5	90.1	92.0	92.5	93.3	94.8	95.5	96.8
34.9	52.[illegible]	58.1	66.7	72.1	76.1	78.8	85.[illegible]	87.9	90.4	92.7	93.2	94.0	95.5	96.3	97.6
34.9	52.8	58.1	66.7	72.1	76.1	78.8	85.0	87.9	90.5	93.[illegible]	93.4	94.6	96.2	97.1	98.3

TOTAL NUMBER OF OBSERVATIONS 566

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-[illegible] SEP [illegible]

[illegible] 0000-1100

[illegible]	[illegible]	21.[illegible]	23.1	24.3	[illegible]	25.3	[illegible]	25.6	[illegible]	26.0	[illegible]	26.0	26.0	[illegible]	26.0
[illegible]	32.9	35.2	37.4	39.0	[illegible]	40.3	40.4	[illegible]	41.0	41.0	41.0	41.0	41.0	41.0	41.0
[illegible]	[illegible]	[illegible]	37.4	39.0	[illegible]	40.3	40.4	[illegible]	41.0	41.0	41.0	41.0	41.0	41.0	41.0
[illegible]	33.1	[illegible]	37.7	39.3	40.2	40.5	40.6	[illegible]	41.2	41.2	41.2	41.2	41.2	41.2	41.2
[illegible]	33.7	36.0	38.4	40.0	40.9	41.2	41.3	41.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9
37.1	34.6	36.9	39.5	41.2	42.1	42.6	42.7	42.8	43.3	43.3	43.3	43.3	43.3	43.3	43.3
37.8	37.7	41.1	42.6	44.5	45.4	45.9	46.3	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9
38.4	38.4	41.7	43.6	46.0	47.0	47.5	48.1	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6
39.7	39.5	41.4	44.3	46.7	47.7	48.2	48.9	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4
39.7	38.[illegible]	41.4	44.3	46.7	47.7	48.2	48.9	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4
41.7	41.[illegible]	42.6	45.4	47.8	48.9	49.3	50.0	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6
43.4	42.2	45.0	48.3	51.0	52.1	52.5	53.3	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9
34.5	43.6	46.3	49.6	52.5	53.5	54.1	54.9	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5
34.6	46.2	49.2	52.9	55.6	56.6	57.3	58.1	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7
37.1	47.0	50.0	53.7	56.5	57.5	58.2	59.0	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7
[illegible]	50.1	53.1	56.8	59.8	60.8	61.5	62.3	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0
44.1	55.0	58.[illegible]	61.8	65.2	66.2	66.9	67.7	67.[illegible]	68.4	68.4	68.4	68.4	68.4	68.4	68.4
47.8	59.8	62.9	66.7	7[illegible].1	71.1	71.8	72.6	7[illegible]	73.4	73.4	73.4	73.4	73.4	73.4	73.4
49.3	62.0	65.2	68.9	72.4	73.4	74.1	74.9	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7
51.5	64.5	67.7	71.6	75.0	76.0	76.7	77.5	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3
55.9	70.9	74.5	78.6	82.2	83.2	83.9	84.9	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7
57.1	73.2	77.1	81.6	85.3	86.5	87.3	88.4	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4
57.6	74.5	78.7	83.4	87.6	88.9	89.7	90.8	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8
57.8	75.0	79.5	84.5	88.7	90.4	91.2	92.2	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3
58.0	75.3	79.8	84.9	89.3	91.2	92.0	93.2	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2
58.1	76.0	80.6	85.8	90.3	92.5	93.5	94.9	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0
58.1	76.1	81.1	86.3	91.1	93.3	94.3	96.0	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1
58.1	76.1	81.2	86.6	91.7	93.9	95.1	97.0	97.5	98.3	98.4	98.4	98.4	98.4	98.4	98.4
58.1	76.1	81.2	86.8	92.1	94.4	95.5	97.7	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3
58.1	76.1	81.2	86.8	92.1	94.5	95.7	97.8	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
58.1	76.1	81.2	86.8	92.1	94.5	95.7	97.8	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
58.1	76.1	81.2	86.8	92.1	94.5	95.7	97.8	98.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]76

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-80 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE 1200-1400
FROM HOURLY OBSERVATIONS

14.3	21.1	21.5	22.2	22.7	22.8	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
27.2	35.2	35.7	36.4	37.0	37.1	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
27.4	35.5	35.9	36.6	37.2	37.3	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
27.6	35.8	36.3	37.0	37.5	37.7	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
28.6	37.0	37.4	38.1	38.7	38.9	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
31.2	39.6	40.1	40.8	41.3	41.4	41.5	41.6	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
34.4	43.5	44.0	44.5	45.6	45.7	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
35.4	44.7	45.2	46.2	47.0	47.1	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
35.4	44.7	45.2	46.4	47.2	47.4	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
35.4	44.7	45.2	46.4	47.2	47.4	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
36.6	46.3	46.7	48.0	48.8	49.0	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
40.0	49.9	50.5	51.3	52.9	53.2	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
42.5	52.7	53.3	54.5	55.7	55.9	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
46.5	57.4	58.1	59.4	60.5	60.7	61.3	61.5	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
49.2	59.9	60.6	61.9	63.0	63.3	63.6	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
54.4	66.0	66.7	68.1	69.2	69.5	70.0	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
60.5	73.5	74.2	75.5	76.7	76.9	77.5	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0
66.7	81.1	81.7	83.2	84.5	84.7	85.4	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
68.7	83.4	84.0	85.5	87.0	87.3	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
69.3	86.1	86.9	88.4	90.1	90.4	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
71.8	89.2	90.4	92.0	93.8	94.0	94.8	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
72.1	90.7	92.0	93.6	95.8	96.1	97.0	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
72.3	91.0	92.3	93.9	96.3	96.7	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
72.4	91.3	92.5	94.1	96.7	97.1	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
72.4	91.3	92.5	94.1	96.7	97.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
72.4	91.4	92.7	94.4	96.9	97.5	98.4	98.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
72.4	91.4	92.7	94.4	96.9	97.6	98.6	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
72.4	91.4	92.7	94.4	97.0	97.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
72.4	91.4	92.7	94.4	97.0	97.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
72.4	91.4	92.7	94.4	97.0	97.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
72.4	91.4	92.7	94.4	97.0	97.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
72.4	91.4	92.7	94.4	97.0	97.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

NORTON AFB CA   73-[illegible]

14.[illegible]	[illegible]5.3	2[illegible].	[illegible]4.0	[illegible]5.2	[illegible]5.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
[illegible].1	4[illegible].3	4[illegible].	41.0	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
[illegible].3	40.5	41.1	42.0	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
[illegible]	40.[illegible]	41.5	42.4	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
[illegible].0	42.1	42.7	43.0	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
[illegible]7.[illegible]	46.2	46.[illegible]	47.7	48.2	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
4[illegible].[illegible]	49.5	5[illegible].[illegible]	51.1	52.0	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
42.4	51.5	52.1	53.3	54.4	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
42.5	51.7	52.4	53.7	54.8	54.9	54.9	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
42.7	52.2	52.[illegible]	54.0	55.1	55.3	55.3	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
44.7	54.6	55.1	56.7	58.0	58.1	58.1	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6
49.5	59.1	6[illegible].[illegible]	62.6	63.8	64.0	64.2	64.6	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9
54.2	65.5	66.[illegible]	68.0	69.3	69.4	69.6	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
55.1	69.7	70.5	72.3	73.6	73.7	73.9	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
57.7	72.7	73.4	75.3	75.5	76.6	76.9	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
64.1	76.6	77.4	79.2	80.6	80.8	81.0	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
67.3	81.0	82.[illegible]	83.6	85.2	85.4	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
69.5	83.7	84.9	86.9	88.4	88.6	88.9	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
6[illegible].3	85.1	86.2	88.2	89.7	90.1	90.4	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
70.2	86.5	87.9	90.2	91.8	92.1	92.4	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
71.1	89.3	90.6	92.9	94.7	95.1	95.7	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
71.3	89.9	91.6	93.9	95.8	96.3	96.8	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
71.4	90.7	92.4	94.7	96.7	97.2	97.7	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
71.4	90.7	92.4	94.8	96.8	97.3	97.9	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
71.4	9[illegible].3	92.7	95.3	97.3	97.7	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
71.4	91.0	92.8	95.4	97.4	98.1	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
71.4	91.1	93.0	95.6	97.7	98.4	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
71.4	91.1	93.0	95.6	97.7	98.4	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
71.4	91.1	93.[illegible]	95.6	97.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
71.4	91.1	93.[illegible]	95.6	97.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
71.4	91.1	93.[illegible]	95.6	97.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
71.4	91.1	93.[illegible]	95.6	97.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 685

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82

[illegible]	25.7	28.0	30.4	31.6	32.2	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
30.9	39.7	42.0	44.1	45.6	46.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
30.9	39.9	42.0	44.1	45.6	46.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
31.4	40.3	42.8	44.6	46.0	46.6	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
32.0	41.4	43.9	45.7	47.3	47.9	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
33.0	43.4	45.0	47.8	49.4	49.9	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
37.0	47.7	50.0	52.1	53.7	54.4	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
38.0	48.6	51.3	53.5	55.6	56.2	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
38.1	48.9	51.0	53.7	55.9	56.6	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
38.6	49.3	51.9	54.1	56.2	56.9	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
[illegible]	51.7	54.4	56.8	59.1	59.9	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
43.6	55.9	58.8	61.2	63.5	64.3	64.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
45.0	58.2	61.7	63.9	66.2	67.0	67.6	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
47.1	61.5	64.7	67.6	69.9	70.7	71.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3
[illegible]	65.7	67.2	70.2	72.5	73.3	73.9	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
52.1	67.6	70.9	74.1	76.4	77.2	77.8	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
54.1	70.3	73.8	77.1	79.4	80.2	80.8	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
55.4	73.7	77.4	81.4	83.8	85.0	85.7	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
56.6	74.0	77.8	81.9	84.3	85.5	86.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
57.5	76.4	80.4	84.5	87.1	88.3	89.0	89.9	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3
58.3	78.6	83.0	87.5	90.3	91.6	92.3	93.2	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7
59.4	79.5	84.1	88.5	91.6	93.1	93.9	94.8	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.5
[illegible]	80.2	84.9	89.6	92.4	93.9	94.7	95.6	95.9	96.0	96.0	96.3	96.3	96.3	96.3	96.3
[illegible]	80.9	85.6	90.4	93.2	94.6	95.6	96.5	96.8	96.9	97.1	97.3	97.3	97.3	97.3	97.3
[illegible]	81.6	86.3	91.2	94.2	95.9	96.7	97.6	97.8	97.9	98.3	98.4	98.4	98.4	98.4	98.4
[illegible]	81.6	86.4	91.4	94.5	96.2	97.1	98.3	98.5	98.6	99.0	99.1	99.1	99.1	99.1	99.1
[illegible]	81.7	86.5	91.5	94.8	96.6	97.7	98.9	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8
[illegible]	81.7	86.5	91.5	94.8	96.6	97.7	98.9	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9
[illegible]	81.7	86.5	91.5	94.8	96.6	97.8	99.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0
[illegible]	81.7	86.5	91.5	94.8	96.6	97.8	99.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0
[illegible]	81.7	86.5	91.5	94.8	96.6	97.8	99.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0
[illegible]	81.7	86.5	91.5	94.8	96.6	97.8	99.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

| | | |

2

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-[illegible] SEP

ALL

[illegible]	23.9	25.7	27.3	28.8	[illegible]	[illegible]	31.0	[illegible]	[illegible]	32.1	[illegible]	32.4	32.6	32.7	[illegible]
24.0	33.6	35.8	37.5	39.7	40.0	41.3	42.4	[illegible]	43.2	43.4	43.5	43.8	44.0	44.2	44.4
[illegible]	33.7	35.5	38.0	39.9	40.7	41.4	42.0	[illegible]	43.7	43.8	43.8	43.9	44.1	44.2	44.5
[illegible]	33.7	35.8	38.2	41.0	41.9	41.6	42.7	43.1	43.5	43.6	43.8	44.1	44.3	44.5	44.7
[illegible]	34.0	36.4	39.0	40.7	41.7	42.5	43.6	44.	44.4	44.7	44.7	45.0	45.0	45.4	45.6
[illegible]	36.5	38.4	41.0	42.8	43.5	44.7	45.0	45.7	46.5	46.8	46.9	47.0	47.4	47.6	47.8
[illegible]	39.4	41.8	44.0	46.1	47.2	48.0	49.3	49.7	50.0	50.4	51.0	51.0	51.0	51.2	51.4
[illegible]	[illegible]	[illegible]	45.4	47.5	48.6	49.5	50.6	[illegible]	51.7	52.0	52.0	52.3	52.5	52.7	52.9
[illegible]	[illegible]	47.9	45.8	49.0	49.2	50.1	51.4	[illegible]	52.3	[illegible]	52.5	52.9	53.0	53.3	53.6
[illegible]	42.2	43.3	46.2	48.4	49.6	50.5	51.5	52.2	52.7	53.0	53.1	53.3	53.6	53.7	54.0
[illegible]	42.0	45.1	46.1	50.4	51.5	52.5	54.0	54.4	54.9	55.2	55.3	55.5	55.6	55.9	56.2
34.0	45.1	49.4	51.0	54.7	55.3	56.2	57.9	58.4	59.0	59.3	59.3	59.6	59.9	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	53.8	56.7	57.5	58.4	60.1	[illegible]	61.2	61.5	61.5	61.8	62.1	62.2	[illegible]
[illegible]	[illegible]	53.3	55.7	59.2	60.5	61.5	63.2	63.7	64.2	64.5	64.5	64.7	65.1	65.3	[illegible]
39.7	52.3	54.0	58.4	[illegible]	62.3	63.3	65.0	65.6	66.1	66.5	66.5	66.8	67.1	67.2	[illegible]
40.7	[illegible]	58.1	61.9	64.6	66.0	67.0	68.6	69.4	70.0	[illegible]	70.4	70.6	70.9	71.0	[illegible]
[illegible]	58.6	61.4	65.2	68.1	69.6	70.6	72.4	73.	73.5	74.	74.	74.3	74.5	74.7	75.
47.	[illegible]	65.1	69.2	72.3	73.9	75.0	76.6	[illegible]	78.1	78.4	78.5	78.8	79.	[illegible]	79.5
[illegible]	63.3	66.4	[illegible]	73.9	75.4	76.5	78.3	79.0	79.6	79.9	80.0	80.3	[illegible]	80.6	80.9
[illegible]	65.2	68.4	72.8	76.0	77.7	[illegible]	80.6	81.0	82.0	82.3	82.4	82.7	82.9	83.0	83.3
[illegible]	66.7	72.4	77.1	80.6	82.0	83.5	85.4	86.1	86.7	87.1	87.2	87.5	87.7	87.8	88.1
[illegible]	[illegible]	74.2	79.2	82.9	84.7	86.	87.9	88.7	89.4	[illegible]	89.9	[illegible]	90.4	[illegible]	[illegible]
[illegible]	71.2	75.1	80.3	84.1	86.0	87.3	89.2	[illegible]	90.7	91.1	91.2	91.5	91.7	91.8	92.1
[illegible]	[illegible]	75.6	81.2	[illegible]	87.1	88.4	90.4	91.2	92.0	92.3	92.4	92.7	[illegible]	93.1	93.4
[illegible]	72.4	76.5	82.0	86.1	88.2	89.5	91.6	92.4	93.2	93.5	93.7	94.0	94.2	94.4	94.7
[illegible]	[illegible]	77.	82.7	87.0	89.2	90.6	92.8	93.7	94.4	94.9	95.0	95.3	95.5	95.7	95.9
[illegible]	72.9	77.2	83.1	87.5	89.8	91.3	93.6	94.5	95.3	[illegible]	95.9	96.2	96.4	96.5	[illegible]
[illegible]	73.0	77.4	83.4	88.0	90.0	92.0	94.6	[illegible]	96.3	[illegible]	96.9	97.2	97.4	97.5	97.9
[illegible]	[illegible]	[illegible]	83.5	88.2	90.8	92.4	95.2	96.1	96.9	97.5	97.6	97.9	98.1	98.3	98.5
[illegible]	[illegible]	[illegible]	83.5	88.3	90.9	92.5	95.4	96.4	97.4	97.9	98.0	98.3	98.6	98.8	99.1
[illegible]	[illegible]	[illegible]	83.5	88.3	90.9	92.5	95.4	[illegible]	97.5	98.1	98.3	98.6	98.9	99.1	99.3
[illegible]	[illegible]	[illegible]	83.5	88.3	90.9	92.5	95.4	[illegible]	97.5	98.1	98.3	98.7	99.1	99.3	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] SHIRE NORTON RAF UK 73-[illegible] [illegible]

[illegible]	2[illegible].7	2[illegible].6	27.4	29.5	3[illegible].6	3[illegible].0	31.7	32.0	32.5	33.1	33.6	33.7	33.7	34.0	35.[illegible]
[illegible]	27.3	29.1	31.1	34.1	35.4	35.8	36.8	37.7	38.2	38.4	39.0	39.1	39.1	39.5	40.[illegible]
[illegible].6	27.3	29.2	31.2	34.2	35.5	35.9	36.9	37.4	38.3	38.5	39.6	39.2	39.2	39.[illegible]	40.7
27.6	27.3	29.2	31.2	34.2	35.5	35.9	36.9	37.4	38.3	38.5	39.6	39.2	39.2	39.6	41.7
[illegible].4	[illegible].3	30.1	32.2	35.1	36.5	36.9	37.9	38.4	39.3	39.5	39.6	4[illegible].2	4[illegible].2	4[illegible].5	41.7
[illegible].4	29.4	31.6	34.2	37.4	39.0	39.4	40.4	40.9	41.6	42.0	42.1	42.7	42.7	43.1	44.2
[illegible]	[illegible].2	33.9	36.2	39.6	41.2	41.7	42.9	43.4	44.3	44.5	44.6	45.2	45.2	45.6	46.7
[illegible]	[illegible].7	34.2	37.2	41.7	42.3	42.9	44.1	44.6	45.5	45.7	45.8	46.4	46.4	46.9	47.9
[illegible].0	[illegible].9	34.4	37.6	41.2	42.9	43.3	44.6	45.3	46.1	46.4	46.5	47.1	47.[illegible]	47.4	48.5
[illegible].3	32.3	35.3	38.7	42.3	44.2	44.6	46.0	46.7	47.5	47.8	47.9	48.4	48.4	48.9	49.9
[illegible]	[illegible].3	36.0	39.7	43.5	45.2	46.0	47.4	48.1	49.0	49.2	49.3	49.8	49.8	50.3	51.4
[illegible].3	35.4	38.5	42.6	47.0	49.1	50.1	51.5	52.8	53.6	53.9	54.0	54.6	54.6	55.1	56.1
[illegible].1	36.5	39.7	43.9	48.1	[illegible].2	51.3	53.[illegible]	54.[illegible]	54.8	55.1	55.2	55.8	55.8	56.3	57.3
[illegible].1	[illegible].0	41.[illegible]	45.9	5[illegible].4	52.4	53.5	55.3	55.4	57.3	57.7	57.8	58.5	58.5	59.0	60.1
[illegible].2	39.9	43.5	48.1	52.8	54.6	56.0	57.9	59.[illegible]	60.0	60.7	61.4	61.2	61.2	61.6	62.7
[illegible].1	41.7	45.7	50.5	55.4	57.6	58.9	60.9	62.0	63.1	63.7	63.4	64.2	64.2	64.5	65.7
[illegible].3	44.[illegible]	49.[illegible]	53.4	58.7	61.3	62.8	65.0	66.1	67.0	67.4	67.5	68.2	68.2	68.7	69.7
[illegible].7	47.4	52.1	57.9	63.4	66.3	68.0	70.9	72.3	73.2	73.6	73.7	74.4	74.4	74.9	76.[illegible]
[illegible]	47.6	52.3	58.1	64.2	67.1	69.2	71.9	73.2	74.2	74.5	74.6	75.4	75.4	76.0	77.0
31.3	48.7	53.8	59.7	66.1	69.2	71.3	74.2	75.5	76.5	76.8	76.9	77.7	77.7	78.0	79.3
32.4	50.3	55.5	62.0	69.8	72.0	74.1	77.4	78.8	79.8	8[illegible].1	8[illegible].2	81.0	81.[illegible]	81.5	82.6
32.[illegible]	51.1	56.5	63.7	71.7	74.1	76.2	79.7	81.1	82.[illegible]	82.4	82.5	83.2	83.2	83.[illegible]	84.9
33.4	51.9	57.6	64.5	71.9	75.3	77.4	81.0	82.4	83.4	83.9	83.9	84.7	84.7	85.[illegible]	86.[illegible]
33.5	52.3	58.2	65.4	72.9	76.5	79.6	82.3	83.7	84.3	85.2	85.3	86.1	86.1	86.6	87.7
33.7	53.2	59.0	66.5	74.1	77.7	79.8	83.8	85.5	86.5	87.1	87.2	87.9	87.9	88.5	89.5
34.1	53.8	59.7	67.4	75.0	78.9	81.2	85.5	87.3	88.4	88.5	88.9	89.7	89.7	90.[illegible]	91.3
34.1	54.2	60.[illegible]	65.0	76.1	80.0	82.4	87.1	88.8	89.9	90.7	91.4	91.2	91.2	91.7	92.8
34.1	54.3	60.4	68.[illegible]	76.7	80.6	83.4	88.2	90.0	91.1	91.6	91.7	92.6	92.6	93.1	94.2
34.1	54.3	6[illegible].4	68.3	76.8	80.7	83.6	88.5	90.3	91.4	91.9	92.1	93.0	93.[illegible]	93.6	94.7
34.1	54.3	6[illegible].4	68.3	76.8	80.8	83.7	88.6	90.6	92.2	92.8	92.9	93.9	93.9	94.5	95.6
34.1	54.3	6[illegible].4	68.3	76.8	8[illegible].8	83.7	88.6	90.8	92.2	92.8	92.9	93.9	94.1	94.8	96.6
34.1	54.3	6[illegible].4	68.3	76.8	8[illegible].8	83.7	88.8	90.9	92.3	93.0	93.3	94.5	95.2	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
AFGWC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK | 73-82 | OCT | 1200-1500

14.5	21.4	23.2	25.4	26.9	27.9	28.1	29.4	30.2	30.9	31.0	31.2	31.3	31.9	32.7	33.5	
15.7	24.3	26.1	29.6	30.9	32.1	32.4	33.9	34.7	35.5	35.7	35.9	36.1	36.9	37.2	38.5	
16.7	24.3	26.1	28.6	30.9	32.1	32.4	33.9	34.7	35.5	35.7	35.9	36.1	36.9	37.2	38.5	
16.7	24.3	26.1	28.6	30.9	32.1	32.4	33.9	34.7	35.5	35.7	35.9	36.1	36.9	37.2	38.5	
16.9	24.5	26.4	28.9	31.1	32.3	32.6	34.2	34.9	35.7	35.9	36.1	36.3	37.1	37.4	38.7	
18.2	25.9	27.8	31.3	32.8	33.9	34.3	35.8	36.5	37.3	37.5	37.7	38.0	38.6	39.0	40.2	
19.1	26.9	29.7	31.5	34.3	35.5	36.1	37.6	38.4	39.2	39.4	39.6	39.9	40.7	41.1	42.4	
19.3	27.4	29.3	32.1	35.7	36.7	37.1	38.9	39.7	40.5	40.7	40.9	41.2	42.0	42.4	43.7	
19.4	27.7	29.5	32.3	35.2	36.9	37.3	39.2	39.9	40.8	41.1	41.3	41.6	42.4	42.7	44.1	
19.7	28.2	30.2	33.1	36.0	37.6	38.2	40.5	41.0	42.0	42.2	42.4	42.7	43.5	43.9	45.2	
20.2	28.7	31.0	33.9	37.2	39.5	39.5	41.6	42.6	43.5	43.8	44.0	44.4	45.1	45.6	46.9	
21.0	31.1	33.8	36.7	40.0	42.6	43.5	46.1	47.2	48.4	48.7	48.9	49.3	50.1	50.5	51.8	
21.7	32.1	34.9	37.7	41.1	44.0	44.7	47.4	48.5	49.7	50.0	50.2	50.7	51.4	51.8	53.1	
22.3	33.3	35.9	38.9	42.4	45.3	46.1	48.8	49.9	51.2	51.5	51.7	52.2	52.9	53.4	54.7	
22.5	34.2	36.7	39.8	43.4	46.3	47.1	49.8	50.9	52.2	52.5	52.7	53.1	53.9	54.3	55.6	
22.9	36.4	39.2	42.7	46.3	49.3	50.2	53.5	54.5	55.9	56.2	56.4	56.8	57.6	58.0	59.3	
23.2	39.2	42.1	46.5	49.9	53.0	54.0	57.6	58.7	60.1	60.4	60.6	61.1	61.9	62.3	63.6	
23.9	41.4	45.1	49.3	53.4	56.5	57.5	61.2	62.3	63.8	64.1	64.3	64.9	65.5	65.9	67.2	
24.4	42.2	46.1	50.5	54.7	57.8	58.9	62.7	63.8	65.4	65.7	65.9	66.4	67.1	67.5	68.9	
27.4	43.6	47.5	52.2	56.3	59.5	60.8	65.0	66.3	67.9	68.2	68.4	68.9	69.6	70.1	71.4	
27.9	44.6	48.6	53.7	58.2	61.7	63.2	67.9	69.8	71.4	71.7	71.9	72.3	73.1	73.5	74.8	
28.1	45.6	50.2	55.3	60.1	63.8	65.3	70.0	71.9	73.5	74.0	74.2	74.6	75.4	75.8	77.1	
28.3	46.0	50.7	56.1	60.9	64.8	66.4	71.2	73.0	74.9	75.3	75.5	75.9	76.7	77.1	78.4	
28.4	46.3	51.3	57.2	62.1	66.3	68.0	73.2	75.4	77.3	77.7	77.9	78.3	79.1	79.5	80.9	
28.5	47.2	52.3	58.5	63.8	68.1	69.8	75.1	77.2	79.3	79.6	79.8	80.3	81.0	81.6	82.9	
28.5	47.6	52.9	59.2	65.0	69.6	71.5	76.7	79.0	81.1	81.6	81.8	82.2	83.1	83.6	84.9	
28.5	47.9	53.6	60.1	66.2	71.0	73.0	78.5	81.1	83.3	83.5	84.1	84.5	85.4	85.9	87.2	
28.6	48.3	53.9	60.6	66.8	71.8	73.9	79.8	82.4	84.6	85.1	85.4	85.8	86.7	87.2	88.5	
28.6	48.3	53.9	60.6	66.9	71.9	74.1	80.3	83.1	85.4	86.1	86.3	86.9	87.9	88.4	89.7	
28.6	48.3	53.9	60.6	66.9	72.0	74.2	80.5	83.4	86.0	86.8	87.0	87.5	88.6	89.2	90.6	
28.6	48.3	53.9	60.6	66.9	72.0	74.2	80.5	84.1	87.0	87.9	88.1	88.6	90.0	90.9	93.2	
28.6	48.3	53.9	60.6	66.9	72.0	74.2	80.5	84.2	87.2	88.4	88.8	89.4	91.3	92.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 572

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-E[illegible] [illegible]

[illegible]

[illegible]	13.6	14.7	15.3	16.2	17.1	17.7	18.5	19.7	19.4	19.5	19.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14.3	[illegible]	21.5	23.6	25.1	26.2	27.3	29.4	30.1	30.8	30.9	31.3	31.5	32.0	32.2	33.7	[illegible]	[illegible]	[illegible]	[illegible]
14.4	20.2	21.7	23.9	25.2	26.4	27.4	29.6	30.2	30.9	31.0	31.4	31.6	32.1	32.3	33.5	[illegible]	[illegible]	[illegible]	[illegible]
14.4	20.2	21.7	23.9	25.2	26.4	27.4	29.6	30.2	30.9	31.0	31.4	31.6	32.1	32.3	33.5	[illegible]	[illegible]	[illegible]	[illegible]
14.9	20.6	22.4	24.6	25.8	27.0	28.0	30.2	31.0	31.6	31.7	32.2	32.4	32.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15.7	22.2	23.9	26.3	27.6	28.6	29.9	32.1	32.8	33.5	33.6	34.0	34.2	34.7	34.9	36.4	[illegible]	[illegible]	[illegible]	[illegible]
17.6	27.1	28.9	29.6	31.4	32.7	33.7	36.1	37.0	37.7	37.8	38.4	39.6	39.3	39.7	40.9	[illegible]	[illegible]	[illegible]	[illegible]
17.8	28.5	27.4	31.3	32.9	33.5	34.2	36.9	37.7	38.5	38.6	39.1	39.4	40.1	40.7	42.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17.8	28.5	27.4	30.3	32.7	33.3	34.2	37.0	37.8	38.5	38.7	39.3	39.5	40.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18.3	28.3	29.1	31.1	32.7	34.3	35.0	37.7	38.6	39.4	39.5	40.3	40.2	41.1	41.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18.3	28.6	29.5	31.6	33.5	35.3	36.4	39.4	40.7	41.0	41.1	41.7	41.9	42.7	43.7	44.6	[illegible]	[illegible]	[illegible]	[illegible]
19.1	28.5	31.7	33.6	36.0	38.2	39.3	42.9	43.7	44.7	44.9	45.5	45.7	46.6	46.8	48.4	[illegible]	[illegible]	[illegible]	[illegible]
19.7	29.9	31.7	35.2	37.7	40.0	41.1	44.9	45.8	46.6	47.1	47.7	48.1	49.7	49.9	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20.5	31.5	33.4	37.1	39.7	42.2	43.3	47.2	48.0	49.2	49.5	50.1	50.5	51.4	51.[illegible]	53.3	[illegible]	[illegible]	[illegible]	[illegible]
21.4	32.3	34.1	37.8	40.5	43.0	44.2	48.1	49.0	50.2	50.5	51.0	51.5	52.7	52.6	54.3	[illegible]	[illegible]	[illegible]	[illegible]
22.4	34.7	36.6	41.1	44.0	46.9	49.2	52.3	53.5	54.6	55.7	55.6	55.9	56.8	57.7	58.4	[illegible]	[illegible]	[illegible]	[illegible]
25.1	37.3	39.6	44.2	47.9	50.7	52.0	56.4	58.0	59.1	59.4	61.0	60.4	61.3	61.5	63.7	[illegible]	[illegible]	[illegible]	[illegible]
26.2	39.6	42.0	47.9	51.9	54.9	56.3	60.9	62.6	64.0	64.4	65.0	65.4	66.4	66.6	68.4	[illegible]	[illegible]	[illegible]	[illegible]
26.3	40.3	43.4	48.6	52.7	55.6	57.7	61.9	63.9	65.1	65.6	66.2	66.6	67.7	67.9	69.7	[illegible]	[illegible]	[illegible]	[illegible]
27.2	41.1	44.7	50.1	54.1	57.0	58.7	63.5	65.4	66.8	67.7	67.8	68.3	69.4	69.6	71.3	[illegible]	[illegible]	[illegible]	[illegible]
28.2	43.4	47.0	52.8	57.1	60.2	61.6	67.0	69.0	70.4	71.[illegible]	71.4	71.9	73.[illegible]	[illegible]	74.9	[illegible]	[illegible]	[illegible]	[illegible]
28.4	44.6	46.9	54.9	59.3	62.4	64.3	69.4	71.4	72.8	73.3	73.5	74.3	75.4	75.7	77.4	[illegible]	[illegible]	[illegible]	[illegible]
28.4	44.8	49.1	55.4	60.2	63.1	65.1	70.3	72.5	74.2	74.6	75.2	75.7	76.8	77.1	79.3	[illegible]	[illegible]	[illegible]	[illegible]
28.1	45.6	50.3	57.1	61.9	65.2	67.3	72.8	75.1	76.8	77.2	77.9	78.3	79.4	79.7	81.5	[illegible]	[illegible]	[illegible]	[illegible]
29.1	46.3	50.[illegible]	58.2	63.2	67.0	69.1	75.0	77.5	79.3	79.7	80.4	81.0	81.9	82.2	84.1	[illegible]	[illegible]	[illegible]	[illegible]
29.1	46.7	51.3	58.7	63.8	67.6	70.2	76.2	79.0	80.7	81.1	81.9	82.3	83.5	83.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29.1	47.0	51.7	59.3	64.6	68.5	71.3	77.4	80.4	82.3	82.7	83.5	84.0	85.5	85.7	87.6	[illegible]	[illegible]	[illegible]	[illegible]
29.1	47.0	51.8	59.7	65.1	69.1	72.1	78.3	81.2	83.2	83.6	84.5	85.1	86.1	87.1	89.1	[illegible]	[illegible]	[illegible]	[illegible]
29.1	47.0	51.8	59.8	65.3	69.5	72.5	78.7	81.7	83.9	84.7	85.2	85.8	87.5	87.9	89.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29.1	47.0	51.8	59.6	65.3	69.5	72.7	79.4	82.4	84.8	85.6	86.6	87.4	89.1	89.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29.1	47.0	51.8	59.8	65.3	69.5	72.7	79.4	82.4	85.0	85.9	86.9	87.7	89.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29.1	47.0	51.8	59.8	65.3	69.5	72.7	79.4	82.4	85.0	85.9	87.2	88.2	91.9	91.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible] 7187

2

CEILING VERSUS VISIBILITY

[illegible]	14.[illegible]	1[illegible]	16.0	17.7	1[illegible].1	18.6	19.0	19.1	19.1	19.2	19.3	19.3	19.6	19.7	19.7
[illegible]	[illegible]	25.2	26.6	[illegible]	[illegible]	31.7	32.3	32.7	32.7	32.9	33.[illegible]	33.2	33.6	33.7	33.7
[illegible]	[illegible]	25.7	26.6	3[illegible].1	71.[illegible]	31.7	72.3	37.7	32.7	32.9	33.[illegible]	33.2	33.6	33.7	33.7
[illegible]	[illegible]	2[illegible]	2[illegible]	37.1	1.3	31.7	32.3	32.7	32.7	32.9	33.[illegible]	33.2	33.6	33.7	33.7
[illegible]	[illegible]	27.[illegible]	[illegible]	33.9	31.5	32.4	33.1	33.4	33.4	33.7	33.6	34.[illegible]	34.[illegible]	34.4	34.4
[illegible]	[illegible]	27.7	32.3	33.8	34.7	35.4	35.2	36.[illegible]	36.5	36.9	36.4	37.1	37.4	37.6	37.6
[illegible]	[illegible]	37.7	38.0	37.6	38.4	39.3	40.2	41.5	40.7	40.9	41.[illegible]	41.2	41.6	41.7	41.7
[illegible]	[illegible]	34.[illegible]	37.6	39.1	40.1	41.2	41.9	42.2	42.4	42.7	42.8	43.0	43.3	43.4	43.4
[illegible]	32.1	34.7	37.6	39.7	40.3	41.7	42.2	42.5	42.8	43.0	43.1	43.3	43.7	43.8	43.8
[illegible]	[illegible]	34.[illegible]	3[illegible]	39.6	40.6	41.4	42.4	42.8	43.[illegible]	43.2	43.3	43.6	43.9	44.[illegible]	44.[illegible]
[illegible]	[illegible]	3[illegible]	3[illegible]	41.[illegible]	[illegible]	43.1	44.1	44.4	44.7	44.9	45.0	45.2	45.6	45.7	45.7
[illegible]	35.[illegible]	3[illegible]	42.[illegible]	43.9	44.9	45.9	47.1	47.4	47.8	48.0	48.1	48.3	48.7	48.8	48.9
[illegible]	[illegible]	[illegible]	44.1	4[illegible]	47.[illegible]	48.1	49.4	49.8	50.1	50.3	50.4	50.7	51.[illegible]	51.1	51.2
[illegible]	45.[illegible]	4[illegible]	4[illegible]	48.3	49.3	50.4	51.8	52.1	52.4	52.7	52.8	53.0	53.3	53.4	53.6
[illegible]	41.[illegible]	43.[illegible]	47.6	52.1	51.3	52.7	54.3	54.7	54.7	54.9	55.[illegible]	55.2	55.6	55.7	55.[illegible]
[illegible]	44.[illegible]	[illegible]	[illegible]	52.[illegible]	54.4	55.9	57.4	57.8	58.1	58.3	58.4	58.7	59.[illegible]	59.1	59.2
[illegible]	47.6	4[illegible]	52.8	[illegible]	57.4	58.9	60.8	61.1	61.4	61.7	61.8	62.0	62.3	62.4	62.6
[illegible]	[illegible]	52.[illegible]	[illegible]	[illegible]	61.6	63.1	65.2	65.5	65.9	66.1	66.2	66.4	66.5	66.9	67.0
[illegible]	[illegible]	53.4	[illegible]	61.6	63.4	65.1	67.4	67.5	68.1	68.3	68.4	68.7	69.[illegible]	69.1	69.2
[illegible]	[illegible]	5[illegible]	[illegible]	64.3	66.5	68.2	7[illegible]	71.[illegible]	71.3	71.6	71.7	71.9	72.2	72.7	72.4
[illegible]	[illegible]	5[illegible]	54.7	5[illegible]	[illegible]	72.6	74.9	75.3	75.7	75.9	76.[illegible]	76.2	76.6	76.7	76.8
[illegible]	[illegible]	6[illegible]	[illegible]	[illegible]	7[illegible].1	74.1	76.5	77.0	77.3	77.6	77.7	77.9	78.2	78.3	78.4
[illegible]	[illegible]	5[illegible]	[illegible]	71.8	73.7	76.2	78.8	79.2	79.6	79.8	79.9	80.1	80.4	80.6	80.7
[illegible]	[illegible]	5[illegible]	6[illegible]	72.9	75.5	78.1	80.8	81.4	81.8	82.0	82.1	82.3	82.7	82.8	82.9
[illegible]	[illegible]	5[illegible]	[illegible]	74.4	77.2	80.0	82.6	83.4	83.9	84.2	84.3	84.6	84.9	85.0	85.1
[illegible]	[illegible]	[illegible]	[illegible]	76.2	79.4	82.7	86.0	85.7	87.4	87.8	87.9	88.1	88.4	88.6	88.7
[illegible]	[illegible]	[illegible]	[illegible]	77.7	1.1	84.3	88.0	89.9	89.7	90.0	90.1	90.3	90.7	90.8	90.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.6	85.1	[illegible]	93.0	90.9	91.2	91.4	91.7	92.[illegible]	92.1	92.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	85.7	89.6	90.8	91.9	92.3	92.6	92.9	93.3	93.4	93.6
[illegible]	[illegible]	9[illegible]	[illegible]	[illegible]	[illegible].1	85.9	[illegible]	91.3	92.7	93.2	93.7	94.1	95.1	95.2	95.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	85.9	91.0	91.3	92.7	93.4	94.[illegible]	94.4	95.9	96.1	97.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.9	90.0	91.3	92.7	93.4	94.[illegible]	94.6	96.3	96.7	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ [illegible]

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 [illegible]

[illegible]

12.4	15.3	16.[illegible]	16.7	16.9	16.9	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
23.4	29.6	31.[illegible]	31.6	32.1	32.1	32.4	32.8	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0
23.6	29.7	30.4	31.7	32.2	32.2	32.6	32.9	33.[illegible]	33.1	33.1	33.1	33.1	33.1	33.1	33.1
23.6	29.7	30.4	31.7	32.2	32.2	32.6	32.9	33.[illegible]	33.2	33.1	33.1	33.1	33.1	33.1	33.1
24.7	30.9	31.7	32.9	33.4	33.4	33.[illegible]	34.1	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3
26.9	33.6	34.6	35.8	36.3	36.3	36.7	37.1	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3
29.6	37.1	38.[illegible]	39.3	39.9	39.9	40.2	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9
30.1	37.9	38.9	4[illegible].2	41.3	41.3	41.4	41.9	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1
30.3	38.6	39.6	40.9	41.7	41.7	42.1	42.6	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8
30.6	38.9	39.9	41.1	41.9	41.9	42.3	42.8	42.9	42.9	43.0	43.0	43.0	43.	43.0	43.
31.[illegible]	40.2	41.2	42.6	43.7	43.7	44.1	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8
34.1	44.2	45.5	47.1	48.4	48.4	48.9	49.3	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6
36.1	47.0	48.2	5[illegible].5	51.8	51.9	52.6	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
38.8	50.0	51.2	53.4	54.9	55.0	55.9	56.3	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6
40.1	51.6	52.8	55.0	56.4	56.7	57.6	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
42.7	55.0	56.3	58.9	60.3	60.6	61.4	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2
47.6	60.7	62.0	64.9	66.6	66.9	67.8	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
50.3	66.8	68.4	71.4	73.3	73.9	74.8	75.4	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
54.1	69.2	71.2	74.2	76.1	76.7	77.6	78.2	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6
55.5	71.0	73.6	78.0	8[illegible].2	80.8	81.8	82.4	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8
57.3	74.3	77.3	82.3	84.9	85.7	86.8	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9
57.3	75.6	79.7	84.3	86.9	87.9	89.1	89.9	90.[illegible]	90.1	90.2	90.2	90.2	90.2	90.2	90.2
57.8	76.3	79.6	84.9	87.9	89.1	90.6	91.3	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7
58.1	77.7	8[illegible].9	86.8	89.9	91.2	92.8	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
58.2	78.3	81.[illegible]	88.2	91.3	92.3	94.3	95.3	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
58.2	78.4	81.9	85.4	92.0	93.4	95.1	96.2	95.6	96.7	96.8	96.8	96.9	96.8	96.9	96.9
58.2	78.6	82.0	89.7	92.2	93.7	95.3	96.7	97.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6
58.2	78.6	82.1	88.9	92.7	94.1	95.8	97.3	97.9	98.1	98.6	98.6	98.6	98.6	98.6	98.6
58.2	78.6	82.1	88.9	92.7	94.1	95.8	97.4	98.2	98.4	99.1	99.1	99.1	99.1	99.1	99.1
58.2	78.6	82.1	88.9	92.7	94.1	95.8	97.4	98.2	98.4	99.2	99.2	99.3	99.3	99.3	99.3
58.2	78.6	82.1	88.9	92.7	94.1	95.8	97.4	98.3	98.5	99.4	99.4	99.7	99.8	99.8	100.0
58.2	78.6	82.1	88.9	92.7	94.1	95.8	97.4	98.3	98.5	99.4	99.4	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 922

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14/ BRIDGE NORTON RAF UK 73-82 OCT

[illegible] 1500-1700

17.4	18.5	19.	19.4	20.1	20.4	21.2	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
28.6	31.5	32.4	32.9	33.7	34.3	35.4	35.7	36.	36.1	36.1	36.1	36.1	36.1	36.1	36.1
28.1	31.8	32.7	33.3	34.4	34.7	35.8	36.4	36.	36.5	36.6	36.6	36.6	36.6	36.6	36.6
28.7	31.8	32.7	33.3	34.4	34.7	35.8	36.4	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6
28.4	32.8	33.7	34.3	35.4	35.7	36.9	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7
29.1	36.1	37.	37.7	38.8	39.1	40.3	40.9	41.	41.1	41.1	41.1	41.1	41.1	41.1	41.1
32.2	39.5	42.	41.5	42.7	43.	44.2	44.8	44.9	45.	45.	45.0	45.0	45.0	45.0	45.0
33.5	41.5	42.9	43.4	44.5	44.9	46.1	46.6	46.7	46.9	46.9	46.9	46.9	46.	46.9	46.9
33.9	42.1	43.7	44.	45.1	45.4	46.5	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
34.3	42.5	43.9	44.4	45.6	46.	47.2	47.7	47.8	48.	48.	48.0	48.0	48.	48.	48.
34.9	43.9	45.4	46.1	47.3	47.6	48.8	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
35.4	49.1	51.	52.	53.3	53.7	55.0	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
43.6	54.5	56.4	57.6	58.8	59.2	60.6	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
45.5	57.5	59.2	60.6	61.8	62.2	63.5	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
47.4	59.8	61.7	63.0	64.3	64.8	66.1	66.7	66.9	67.0	67.0	67.0	67.0	67.	67.0	67.0
49.2	62.9	65.3	67.0	68.5	69.1	70.4	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
51.5	65.0	68.1	70.2	72.2	72.8	74.3	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
54.5	70.8	73.	75.6	79.0	78.8	80.2	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
55.4	72.0	74.3	77.0	79.6	80.3	81.9	82.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
56.1	74.1	76.5	79.7	82.3	83.1	84.6	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
57.5	77.2	80.1	84.1	87.1	88.1	89.8	90.9	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
58.1	78.9	82.1	86.2	89.4	90.6	92.5	93.6	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
58.1	79.3	82.4	86.6	90.3	91.5	93.5	94.6	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
58.3	79.6	82.9	87.3	91.0	92.3	94.3	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
58.3	80.2	83.4	87.6	91.6	92.9	95.1	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
58.5	80.7	83.9	88.7	92.5	93.8	96.0	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
58.5	80.7	83.9	88.7	92.5	93.6	96.0	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
58.5	80.7	83.9	88.7	92.7	94.1	96.4	98.1	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1
58.5	80.7	83.9	88.7	92.8	94.5	96.7	98.6	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8
58.5	80.7	83.9	88.7	92.8	94.5	96.7	98.6	99.2	99.4	99.4	99.6	99.8	99.9	99.9	99.9
58.5	80.7	83.9	88.7	92.8	94.5	96.7	98.6	99.2	99.4	99.4	99.6	99.91	100.0	100.0	100.0
58.5	80.7	83.9	88.7	92.8	94.5	96.7	98.6	99.2	99.4	99.4	99.6	99.91	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 735

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] POINT NORTON RAF UK 73-82 [illegible]

[illegible]

[illegible]	24.4	25.0	[illegible]	26.8	27.3	27.3	29.7	29.9	30.2	30.4	30.4	30.4	30.4	30.4	30.4	[illegible]
[illegible]	32.7	34.1	35.4	36.8	37.5	38.3	40.3	40.7	41.0	41.2	41.2	41.3	41.3	41.3	41.4	
[illegible]	33.2	34.5	35.9	37.2	37.9	38.7	40.8	41.1	41.4	41.7	41.7	41.8	41.8	41.8	41.9	
[illegible]	33.2	34.5	35.9	37.2	37.9	38.7	40.8	41.1	41.4	41.7	41.7	41.8	41.8	41.8	41.9	
[illegible]	33.9	35.2	36.6	38.1	38.6	39.6	41.8	42.1	42.4	42.6	42.6	42.7	42.7	42.7	42.9	
27.3	35.9	37.4	39.0	41.3	41.1	41.9	44.1	44.5	44.8	45.0	45.0	45.1	45.1	45.1	45.3	
29.1	38.8	4[illegible]	42.1	43.6	44.5	45.3	47.4	47.9	48.2	48.4	48.4	48.5	48.5	48.5	48.5	
29.7	39.9	41.8	43.5	45.1	46.0	46.8	49.0	49.4	49.7	49.9	49.9	50.1	50.1	50.1	50.2	
30.1	40.6	42.4	44.2	45.9	46.8	47.5	49.7	50.2	50.5	50.7	50.7	50.8	50.8	50.8	50.9	
30.3	40.9	42.7	44.6	46.3	47.2	48.0	50.2	50.5	50.9	51.1	51.1	51.3	51.3	51.3	51.4	
31.2	41.6	44.5	46.8	48.5	49.4	50.3	52.6	53.0	53.3	53.5	53.5	53.7	53.7	53.7	53.8	
33.1	46.1	48.1	51.5	52.3	53.7	54.7	57.0	57.7	58.0	58.2	58.2	58.3	58.3	58.3	58.5	
35.2	49.1	51.3	53.7	55.5	56.9	58.1	60.3	61.0	61.3	61.5	61.5	61.6	61.6	61.6	61.7	
36.2	50.5	53.3	55.7	57.6	59.0	60.1	62.4	63.0	63.4	63.6	63.6	63.7	63.7	63.7	63.8	
37.3	52.2	55.1	57.6	59.4	61.3	62.2	64.4	65.1	65.4	65.6	65.6	65.8	65.8	65.8	65.9	
39.5	56.7	59.7	62.7	64.7	66.4	67.6	70.2	70.9	71.2	71.5	71.5	71.6	71.6	71.6	71.8	
42.2	61.0	63.9	66.1	68.4	70.3	72.0	74.6	75.2	75.6	75.9	75.9	76.0	76.0	76.0	76.1	
44.4	63.7	66.7	70.0	72.8	74.6	76.7	79.4	80.0	80.4	80.7	80.7	80.8	80.8	80.8	81.9	
44.7	64.6	67.6	71.0	73.6	75.6	77.6	80.4	81.1	81.5	81.8	81.8	81.9	81.9	81.9	82.0	
44.9	65.4	68.6	72.2	75.1	77.1	79.4	82.2	83.0	83.4	83.8	83.8	83.9	83.9	83.9	84.0	
45.3	67.9	71.6	76.0	79.3	81.4	84.0	86.8	87.7	88.1	88.4	88.4	88.5	88.5	88.5	88.7	
46.5	68.5	72.3	76.8	80.3	82.6	85.4	88.3	89.3	89.7	90.1	90.1	90.2	90.2	90.2	90.3	
46.6	68.6	72.4	76.9	80.6	82.9	85.7	88.8	89.7	90.2	90.5	90.5	90.6	90.6	90.6	90.7	
46.6	69.4	73.4	78.1	82.0	84.4	87.2	90.4	91.5	91.9	92.3	92.3	92.4	92.4	92.4	92.5	
46.9	70.2	74.6	79.5	83.9	86.3	89.3	92.6	93.0	94.3	94.7	94.7	94.8	94.8	94.8	94.9	
47.1	71.1	75.6	80.7	85.4	87.8	90.8	94.1	95.4	95.9	96.2	96.2	96.3	96.3	96.3	96.4	
47.1	71.4	75.9	81.0	85.7	88.1	91.2	94.5	95.0	96.4	96.7	96.7	96.8	96.8	96.8	96.9	
47.1	71.5	76.3	81.6	86.5	89.0	92.0	95.5	97.1	97.6	97.9	97.9	98.0	98.0	98.0	98.1	
47.1	71.5	76.3	81.7	86.7	89.3	92.4	95.9	97.4	97.9	98.3	98.3	98.4	98.4	98.4	98.5	
47.1	71.5	76.3	81.7	86.7	89.3	92.4	96.1	97.6	98.3	98.6	98.6	98.3	98.6	98.8	98.9	
47.1	71.5	76.3	81.7	86.7	89.3	92.4	96.1	97.7	98.4	98.7	98.7	98.9	99.1	99.2	99.5	
47.1	71.5	76.3	81.7	86.7	89.3	92.4	96.1	97.7	98.4	98.7	98.7	98.9	99.1	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 917

2

L AL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BRIDE NORTON RAF UK 72-82 OCT

PER [illegible] HOURS 0-2300

[illegible]	25.8	27.8	29.8	30.7	31.2	31.9	32.6	33.5	34.0	34.1	34.2	34.3	34.7	34.9	35.4
24.0	32.6	35.2	37.2	38.7	41.1	41.1	42.3	43.2	43.6	43.7	43.8	44.0	44.6	44.7	45.3
24.0	32.7	35.4	37.5	39.9	41.3	41.3	42.6	43.4	43.[illegible]	43.9	44.[illegible]	44.2	44.[illegible]	44.9	45.6
24.2	33.0	35.6	37.7	39.1	40.5	41.5	42.7	43.6	44.0	44.1	44.2	44.5	45.[illegible]	45.1	45.8
25.1	34.1	36.9	39.0	40.4	41.8	42.8	44.0	44.[illegible]	45.3	45.5	45.6	45.8	46.3	46.4	47.1
26.3	34.6	37.3	39.9	41.5	42.9	43.9	45.1	45.7	46.4	46.5	46.7	46.9	47.4	47.5	48.2
27.1	37.1	40.1	42.8	45.2	46.7	47.9	49.0	49.8	50.3	50.4	50.5	50.7	51.0	51.4	52.0
27.7	38.0	41.0	43.8	46.2	47.6	48.7	49.9	51.4	51.3	51.4	51.5	51.7	52.2	52.4	53.0
27.8	38.1	41.1	43.9	46.3	47.8	49.0	50.2	51.2	51.7	51.9	51.9	52.1	52.7	52.8	53.5
27.5	38.8	41.9	44.7	47.1	48.6	49.8	51.0	52.0	52.6	52.7	52.8	53.0	53.6	53.7	54.3
31.7	40.0	43.3	46.9	49.5	51.[illegible]	52.2	53.5	54.4	55.[illegible]	55.1	55.2	55.4	56.[illegible]	56.1	56.7
33.0	42.3	45.[illegible]	49.8	52.6	54.2	55.5	56.8	57.8	58.4	58.5	58.6	58.8	59.4	59.5	60.1
33.7	43.6	47.1	51.2	53.9	55.6	57.0	58.4	59.4	59.9	60.0	60.1	60.4	60.9	61.0	61.7
33.2	44.9	48.9	52.6	55.8	57.5	58.8	60.4	61.3	61.9	62.0	62.1	62.3	62.9	63.0	63.6
32.[illegible]	45.7	49.4	53.6	56.7	58.6	60.[illegible]	61.7	62.7	63.2	63.3	63.4	63.6	64.2	64.3	65.0
34.9	49.8	54.3	58.7	62.0	64.0	65.6	67.5	68.5	69.1	69.2	69.3	69.6	70.1	70.7	71.5
36.3	52.0	57.0	61.3	65.2	67.1	68.9	70.9	71.9	72.5	72.6	72.7	72.9	73.5	73.6	74.3
37.0	54.9	60.0	64.5	68.6	70.5	72.5	74.7	75.7	76.5	76.7	76.8	77.0	77.5	77.7	78.3
38.5	56.2	61.4	66.0	70.2	72.5	74.5	76.7	77.7	78.4	78.6	78.8	79.0	79.5	79.5	80.3
39.2	57.4	62.8	67.5	71.7	74.3	76.3	78.5	79.5	80.3	80.5	80.6	80.8	81.4	81.5	82.1
40.0	58.9	64.3	69.6	74.0	76.6	79.1	81.4	82.4	83.5	83.7	83.8	84.0	84.6	84.7	85.7
41.0	60.8	66.9	71.7	76.7	79.5	82.0	84.4	85.4	86.5	86.9	87.[illegible]	87.2	87.7	87.8	88.6
41.3	61.6	67.1	72.6	77.7	80.7	83.2	85.7	86.6	88.1	88.3	88.4	88.6	89.2	89.3	89.9
41.6	62.3	68.0	73.6	79.3	82.4	84.9	87.3	88.3	89.7	89.9	90.0	90.3	90.8	91.0	91.6
41.7	62.7	68.3	74.2	79.8	83.4	86.0	88.5	89.5	90.9	91.1	91.2	91.5	92.[illegible]	92.1	92.8
41.7	63.1	68.8	74.9	80.7	84.2	87.0	89.9	91.0	92.4	92.7	92.8	93.0	93.5	93.6	94.3
41.7	63.7	69.7	75.8	81.7	85.2	88.1	91.2	92.3	93.8	94.[illegible]	94.1	94.3	94.9	95.0	95.6
41.7	64.0	70.0	76.3	82.6	86.1	88.9	92.8	93.9	95.3	95.5	95.6	95.8	96.4	96.5	97.2
41.7	64.0	70.0	76.5	83.1	86.7	89.8	93.6	94.7	96.2	96.4	96.5	96.7	97.3	97.4	98.[illegible]
41.7	64.0	70.0	76.5	83.2	86.9	89.9	93.8	94.9	96.4	96.6	96.7	96.9	97.5	97.6	98.2
41.7	64.0	70.0	76.5	83.2	86.9	89.9	93.8	94.9	96.4	96.6	96.7	96.9	97.5	97.6	98.5
41.7	64.0	70.0	76.5	83.2	86.9	89.9	93.8	94.9	96.4	96.6	96.8	97.0	97.7	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BASE NORTON RAF UK 73-87 OCT

ALL

15.2	17.7	23.7	22.0	23.0	23.7	24.2	25.0	25.4	25.7	25.5	26.9	26.[illegible]	26.2	26.4	26.6		
[illegible]	27.6	29.4	31.2	32.7	33.6	34.3	35.5	36.0	36.0	36.5	36.6	36.3	37.1	37.2	37.6		
[illegible].7	28.[illegible]	29.5	31.3	32.9	33.8	34.5	35.7	36.1	36.5	36.7	36.8	37.0	37.2	37.4	38.0		
[illegible].7	28.0	29.6	31.4	32.9	33.8	34.5	35.7	36.2	36.5	36.7	36.8	37.0	37.3	37.4	38.0		
31.3	30.5	30.4	32.3	33.8	34.7	35.4	36.6	37.1	37.5	37.8	37.7	37.9	38.[illegible]	38.4	38.9		
32.7	33.7	32.4	34.4	36.1	37.0	37.7	39.0	39.4	39.8	40.[illegible]	40.1	40.3	40.6	40.7	41.3		
34.7	33.4	35.2	37.4	39.3	40.3	41.0	42.3	42.9	43.3	43.4	43.5	43.9	44.[illegible]	44.2	44.8		
35.2	34.3	36.[illegible]	38.5	40.4	41.5	42.3	43.6	44.2	44.5	44.7	44.5	45.1	45.4	45.6	46.0		
35.4	34.7	36.5	38.9	40.8	41.9	42.7	44.1	44.5	45.1	45.2	45.4	45.6	45.[illegible]	46.1	46.7		
35.7	35.1	37.0	39.4	41.4	42.5	43.3	44.7	45.3	45.8	45.9	46.1	46.3	46.5	46.8	47.4		
36.2	36.2	38.7	41.9	43.1	44.2	45.1	46.6	47.1	47.6	47.8	47.9	48.1	48.4	48.6	49.2		
38.1	37.2	41.4	44.3	46.7	48.1	49.1	50.8	51.5	52.0	52.2	52.4	52.6	52.9	53.1	53.7		
39.7	41.4	43.7	46.7	49.1	50.6	51.6	53.4	54.1	54.6	54.8	55.0	55.2	55.5	55.7	56.3		
30.0	43.2	45.7	48.8	51.3	52.9	53.9	55.8	56.5	57.0	57.2	57.4	57.6	58.0	58.1	58.0		
31.9	44.6	47.1	50.3	52.9	54.5	55.7	57.6	58.3	58.8	59.0	59.2	59.5	59.8	59.9	60.6		
33.3	47.6	5[illegible].3	53.9	56.8	58.5	59.8	61.9	62.[illegible]	63.2	63.4	63.5	63.8	64.1	64.3	64.[illegible]		
36.1	50.7	53.6	57.3	60.5	62.4	63.6	65.[illegible]	66.[illegible]	67.4	67.6	67.8	68.1	68.4	68.5	69.2		
[illegible]	54.2	57.5	61.6	65.1	67.1	68.6	71.1	71.9	72.6	72.9	73.[illegible]	73.3	73.6	73.8	74.4		
38.9	55.2	58.7	62.9	66.5	68.6	70.2	72.7	73.6	74.3	74.6	74.7	75.0	75.3	75.5	76.1		
39.7	56.7	60.4	64.6	68.7	70.9	72.6	75.2	76.1	76.9	77.1	77.3	77.5	77.9	78.[illegible]	78.7		
40.2	59.0	62.9	68.1	72.2	74.5	76.4	79.2	80.2	81.0	81.3	81.4	81.7	82.0	82.2	[illegible]		
41.2	61.2	64.4	69.7	74.1	76.6	78.6	81.4	82.[illegible]	83.3	83.6	83.7	84.0	84.3	84.5	[illegible]		
41.5	60.7	65.7	7[illegible].5	75.0	77.6	79.7	82.6	83.7	84.6	84.9	85.0	85.3	85.6	85.8	[illegible]		
41.5	61.5	65.9	71.7	76.5	79.2	81.3	84.4	85.6	86.5	86.9	86.9	87.2	87.5	87.7	88.4		
41.9	62.2	66.7	72.8	77.7	80.6	82.9	86.1	87.4	88.4	88.6	88.8	89.1	89.4	89.6	[illegible]		
42.[illegible]	62.7	67.5	73.6	78.8	81.8	84.3	87.7	89.1	90.1	90.4	90.5	90.8	91.2	91.4	92.[illegible]		
42.1	63.0	67.8	74.2	79.5	82.6	85.2	88.0	90.7	91.3	91.7	91.8	92.1	92.5	92.7	93.4		
42.1	63.1	67.9	74.6	80.1	83.3	85.9	89.8	91.4	92.4	92.6	93.0	93.3	93.7	94.0	94.6		
42.1	63.1	68.3	74.7	80.3	83.5	86.3	90.3	91.9	93.[illegible]	93.5	93.7	94.0	94.5	94.7	95.4		
42.1	63.1	68.[illegible]	74.7	80.3	83.6	86.4	90.5	92.2	93.5	94.[illegible]	94.3	94.7	95.3	95.5	96.2		
42.1	63.1	68.[illegible]	74.7	80.3	83.6	86.4	90.5	92.3	93.7	94.2	94.5	95.[illegible]	95.7	96.[illegible]	97.[illegible]		
42.1	63.1	68.[illegible]	74.7	8[illegible].3	83.6	86.4	90.5	92.3	93.7	94.4	94.7	95.2	96.3	96.7	[illegible]		

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	24.9	26.5	28.6	29.1	29.6	30.7	31.9	32.7	32.5	33.0	33.[illegible]	33.1	33.7	37.9	34.7			
[illegible].4	27.4	29.9	32.6	34.4	35.0	35.6	37.5	38.1	38.5	39.1	39.0	39.3	39.7	40.7	40.[illegible]			
[illegible].4	27.6	29.6	32.7	34.5	35.1	35.7	37.6	38.7	38.9	39.0	39.2	39.5	40.[illegible]	40.1	41.[illegible]			
[illegible].4	27.7	29.7	32.6	34.6	35.3	35.9	37.6	38.7	39.[illegible]	39.3	39.5	39.6	4[illegible].1	4[illegible].2	41.2			
[illegible].4	28.2	30.7	33.1	34.9	35.6	36.2	38.1	39.7	39.3	39.7	39.8	39.9	4[illegible].5	4[illegible].5	41.7			
31.3	29.5	31.7	34.6	36.8	37.5	38.1	40.3	41.6	41.3	41.5	41.7	41.5	4[illegible].4	42.5	43.4			
32.[illegible]	30.2	32.[illegible]	35.9	38.2	38.9	39.6	41.5	42.1	42.9	43.2	43.3	43.4	44.[illegible]	44.1	45.[illegible]			
32.[illegible]	30.5	32.[illegible]	35.9	38.2	38.9	39.6	41.5	42.1	42.9	43.2	43.3	43.5	44.1	44.[illegible]	45.1			
32.3	30.5	32.8	35.9	38.3	39.0	39.7	41.6	42.[illegible]	43.[illegible]	43.3	43.4	43.7	44.[illegible]	44.[illegible]	45.[illegible]			
32.4	31.1	33.2	36.5	38.9	39.6	40.2	42.2	42.7	43.7	44.1	44.2	44.4	45.[illegible]	45.1	46.[illegible]			
34.1	33.[illegible]	35.2	38.4	40.8	41.5	42.2	44.1	44.7	45.6	46.0	46.1	46.4	46.9	47.1	48.[illegible]			
35.3	34.9	37.4	4[illegible].6	43.2	44.[illegible]	44.7	47.1	47.6	48.5	49.[illegible]	49.1	49.2	49.[illegible]	50.2	[illegible]			
36.1	35.9	38.4	41.5	44.3	45.1	45.8	48.3	48.9	49.8	50.2	50.3	50.6	51.1	51.2	52.[illegible]			
36.5	36.5	39.2	42.7	45.7	46.6	47.3	49.9	50.[illegible]	51.4	51.[illegible]	51.9	52.2	52.7	52.9	53.7			
37.[illegible]	38.4	41.2	44.7	47.7	48.6	49.4	52.3	52.6	53.5	54.[illegible]	54.1	54.3	54.[illegible]	55.[illegible]	55.[illegible]			
[illegible].2	42.2	44.[illegible]	48.6	51.9	52.9	53.6	56.3	56.9	57.8	58.3	58.4	58.6	59.3	59.4	[illegible].4			
42.2	45.8	49.1	53.1	56.3	57.7	58.4	61.3	61.[illegible]	62.8	63.3	63.4	63.6	64.3	64.4	65.4			
46.1	51.[illegible]	54.[illegible]	58.6	62.2	63.6	64.3	67.5	68.[illegible]	69.2	69.5	69.6	69.8	70.5	70.6	71.7			
47.1	52.4	56.[illegible]	60.2	63.8	65.5	66.3	69.7	70.4	71.4	71.[illegible]	72.1	72.2	72.9	73.[illegible]	74.[illegible]			
48.5	54.6	58.6	62.6	66.9	68.6	69.4	72.8	73.6	74.5	75.1	75.2	75.4	76.1	76.2	77.2			
48.6	57.5	62.7	67.2	71.3	73.2	73.8	77.2	78.1	79.1	79.6	79.7	79.9	80.6	80.7	81.7			
51.2	58.7	63.7	68.8	72.9	74.6	75.4	78.8	79.8	81.0	81.4	81.5	81.7	82.4	82.5	83.[illegible]			
51.5	59.3	64.3	69.6	73.8	75.5	76.3	79.7	80.7	82.3	82.4	82.5	82.8	83.6	83.7	84.7			
52.1	6[illegible].2	65.3	71.1	75.4	77.2	78.[illegible]	81.5	82.7	83.9	84.4	84.5	84.7	85.5	85.6	86.5			
52.2	60.5	66.2	72.1	76.5	78.5	79.3	82.6	84.1	85.4	85.8	85.9	86.2	87.[illegible]	87.1	88.1			
52.3	61.2	66.8	73.0	77.7	79.7	81.6	84.2	85.7	87.1	87.4	87.5	87.8	88.5	88.7	89.7			
52.3	61.3	67.5	74.0	78.7	80.7	81.6	85.3	86.8	88.1	88.5	88.7	88.9	89.7	89.9	91.[illegible]			
52.4	61.7	67.8	74.4	79.4	81.5	82.5	86.5	88.3	89.7	90.1	90.2	90.5	91.3	91.8	92.4			
52.4	61.7	67.9	74.5	79.7	82.3	83.4	88.0	90.3	91.5	92.0	92.1	92.3	93.1	93.2	94.2			
52.4	61.7	67.9	74.5	79.7	82.4	83.7	88.2	90.7	92.4	93.0	93.1	93.5	94.3	94.4	95.5			
52.4	61.8	68.0	74.6	79.8	82.5	83.9	88.3	91.0	93.2	93.9	94.2	94.7	95.6	95.8	97.7			
52.4	61.8	68.2	74.6	79.9	82.7	83.9	88.5	91.4	93.5	94.2	94.6	95.[illegible]	96.1	96.7	1[illegible]			

TOTAL NUMBER OF OBSERVATIONS _____ 98[illegible]

JE [illegible] CLIMATOLOGY BRANCH
[illegible]PETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

4 [illegible] NORTON AFB [illegible] 73-[illegible] NOV [illegible]

[illegible]	23.0	26.3	27.6	29.7	29.3	30.4	31.1	31.5	32.2	33.2	33.6	33.6	33.6	33.6	33.6	34.3	
1.1	25.8	28.7	31.7	32.4	33.1	33.5	35.1	35.5	36.5	36.5	36.6	37.0	37.5	38.0	38.0	38.7	
1.1	25.8	28.7	30.7	32.4	33.1	33.5	35.1	35.5	36.5	36.5	36.6	37.1	37.	38.0	38.0	38.7	
1.1	25.8	28.7	30.7	32.4	33.1	33.5	35.1	35.5	36.5	36.5	36.6	37.1	37.	38.0	38.0	38.7	
1.1	25.8	28.5	30.6	32.5	33.3	33.6	35.2	35.6	36.7	36.7	36.7	37.1	38.	38.1	38.1	38.8	
1.1	26.3	29.0	31.5	33.6	34.4	34.7	36.3	36.7	38.0	38.0	38.3	38.8	39.2	39.3	40.		
1.9	27.6	31.7	37.9	35.1	36.1	36.4	38.1	39.5	39.8	39.9	39.9	40.2	41.1	41.2	41.		
2.1	27.6	32.5	33.0	35.2	36.2	36.5	38.1	39.7	39.9	39.9	40.1	40.3	41.2	41.7	42.		
2.7	28.0	31.5	33.3	35.4	36.4	36.7	38.4	39.7	40.2	40.2	40.3	40.7	41.6	41.7	41.4		
2.9	28.5	31.5	34.0	36.2	37.2	37.6	39.2	39.9	41.0	41.7	41.1	41.5	42.4	42.5	42.1		
3.1	31.7	33.7	36.0	38.2	39.2	39.7	41.2	41.9	43.0	43.7	43.1	43.5	44.4	44.5	45.2		
3.4	31.8	36.9	39.9	41.2	42.5	42.9	44.8	45.7	46.9	46.5	47.0	47.3	48.1	49.5	49.		
3.1	33.4	36.7	39.4	41.9	43.1	43.7	45.8	46.7	47.6	47.8	47.8	48.1	49.	49.1	49.8		
3.7	34.4	39.0	41.3	43.9	45.2	45.7	47.6	48.5	49.9	49.5	50.3	50.8	51.2	51.7	52.		
3.7	35.4	39.7	42.6	45.2	46.6	47.2	49.2	50.0	51.6	51.1	51.6	51.9	52.5	53.0	53.5		
3.9	36.2	42.7	46.5	49.4	51.0	51.5	53.5	54.3	55.7	55.7	55.8	56.2	57.1	57.2	57.9		
3.5	42.7	45.9	51.7	53.9	55.7	56.3	58.3	59.1	60.5	60.5	60.7	61.0	61.9	62.0	62.7		
3.5	46.7	51.1	55.5	59.3	61.1	61.7	63.8	64.7	66.2	66.2	66.3	66.6	67.5	67.6	68.2		
3.5	48.1	52.5	57.2	61.1	63.5	63.6	66.1	67.0	68.7	68.7	68.8	69.1	70.	70.1	70.8		
3.9	52.1	54.6	59.4	63.9	65.5	66.4	68.9	70.2	71.7	71.7	71.8	72.1	73.	73.1	73.8		
4.1	54.2	59.1	64.2	68.9	70.5	71.3	73.9	75.3	76.0	76.5	77.2	77.3	78.2	79.3	79.		
4.5	56.0	61.2	66.5	71.2	73.3	73.8	76.4	77.9	79.3	79.3	79.4	79.8	80.7	80.9	81.5		
4.9	55.7	62.1	67.4	72.2	74.4	74.9	77.5	79.0	80.6	80.6	80.7	81.0	81.9	82.1	82.8		
4.9	57.6	63.2	69.2	74.6	77.0	77.5	80.2	81.6	83.3	83.3	83.4	83.7	84.6	84.9	85.1		
4.1	58.7	64.0	70.8	76.3	78.9	79.4	82.2	83.6	85.4	85.4	85.5	85.8	86.7	87.0	87.6		
4.1	59.2	64.6	71.9	75.0	80.6	81.1	84.0	85.4	87.4	87.4	87.5	88.0	88.9	89.1	89.8		
4.1	59.3	64.9	72.1	76.4	81.1	81.6	84.7	86.1	88.1	88.1	88.2	88.7	89.6	89.8	90.4		
4.1	59.3	64.9	73.1	76.4	81.3	82.1	85.4	86.9	89.2	89.2	89.3	89.8	91.0	91.0	91.7		
4.1	59.3	64.9	72.2	76.5	81.5	82.4	86.1	87.6	90.2	90.2	90.3	90.8	91.9	92.0	92.7		
4.1	59.3	64.9	72.2	76.5	81.9	82.8	86.6	88.2	91.3	91.7	91.8	92.2	93.3	93.5	94.3		
4.1	59.3	64.9	72.2	76.5	81.9	82.8	86.7	88.4	91.6	91.9	92.1	92.6	93.5	94.3	95.		
4.1	59.3	64.9	72.2	76.5	81.9	82.9	86.9	88.8	92.1	92.3	93.1	93.9	95.5	96.2	96.		

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.[illegible]	[illegible]	[illegible]	[illegible]	31.2	31.7	32.[illegible]	33.[illegible]	34.1	34.[illegible]	34.3	34.7	35.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.[illegible]	[illegible]	[illegible]	[illegible]	31.2	31.7	32.[illegible]	33.[illegible]	34.1	34.7	34.3	34.7	35.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.[illegible]	28.6	[illegible]	[illegible]	31.2	31.7	32.[illegible]	33.[illegible]	34.1	34.7	34.3	34.7	35.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.[illegible]	[illegible]	[illegible]	31.1	[illegible]	32.[illegible]	33.3	33.[illegible]	34.4	34.[illegible]	34.6	35.1	35.4	35.4	35.[illegible]	
[illegible]	27.1	[illegible]	[illegible]	31.8	[illegible]	33.7	35.3	35.[illegible]	36.1	36.4	36.6	37.[illegible]	[illegible]	37.[illegible]	37.[illegible]	[illegible]	
[illegible]	[illegible]	31.1	32.5	33.8	[illegible]	[illegible]	37.1	37.[illegible]	38.5	3[illegible]	[illegible]	39.4	[illegible]	[illegible]	41.4		
[illegible]	[illegible]	31.[illegible]	32.[illegible]	34.3	[illegible]	[illegible]	37.3	38.5	39.2	39.[illegible]	39.[illegible]	[illegible]	41.1	[illegible]	40.4	41.1	
[illegible]	[illegible]	31.[illegible]	[illegible]	34.7	35.9	[illegible]	37.9	38.7	39.3	39.[illegible]	39.7	4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	37.[illegible]	[illegible]	34.7	36.3	36.[illegible]	39.6	39.3	39.8	40.2	41.[illegible]	4[illegible]	41.1	41.1	[illegible]		
[illegible]	[illegible]	32.[illegible]	34.4	35.8	37.3	37.[illegible]	39.[illegible]	40.3	41.[illegible]	41.7	41.3	41.8	42.1	42.1	[illegible]		
[illegible]	[illegible]	35.[illegible]	37.3	[illegible]	[illegible]	41.2	43.1	43.[illegible]	44.5	44.[illegible]	44.9	[illegible]	45.7	45.7	45.4		
[illegible]	34.4	37.1	[illegible]	[illegible]	42.1	42.8	44.7	45.5	46.1	46.4	46.5	47.1	47.4	47.4	[illegible]		
[illegible]	36.1	[illegible]	[illegible]	40.3	44.4	45.1	47.3	47.8	48.4	48.7	49.5	49.5	49.[illegible]	49.8	[illegible]		
[illegible]	37.8	40.[illegible]	42.7	44.2	45.2	47.[illegible]	49.[illegible]	49.4	5[illegible].4	[illegible]	[illegible]	51.5	51.[illegible]	52.[illegible]	[illegible]		
1.1	[illegible]	44.[illegible]	45.9	47.6	50.9	51.6	53.8	54.5	55.2	55.5	55.6	56.3	56.6	56.[illegible]	57.4		
[illegible]	44.9	49.7	[illegible]	52.7	54.9	55.7	56.[illegible]	58.3	59.4	59.7	59.8	61.5	60.[illegible]	[illegible]	[illegible]		
[illegible]	45.5	53.5	55.5	56.7	[illegible]	62.[illegible]	64.4	65.3	65.9	66.3	66.4	67.1	67.4	67.5	66.[illegible]		
[illegible]	51.0	58.[illegible]	58.5	[illegible]	63.2	64.4	66.[illegible]	68.[illegible]	69.[illegible]	69.[illegible]	69.1	69.8	7[illegible]	7[illegible]	7[illegible]		
[illegible]	52.0	55.2	55.6	62.1	64.5	65.6	68.1	69.4	7[illegible].1	7[illegible]	7[illegible].6	71.3	71.6	71.7	72.4		
[illegible]	54.5	59.9	62.5	65.6	68.[illegible]	69.1	71.7	73.[illegible]	74.[illegible]	74.7	74.5	75.1	75.5	75.6	76.[illegible]		
[illegible]	56.2	61.[illegible]	65.2	69.6	75.[illegible]	77.[illegible]	74.9	76.5	77.3	77.6	77.6	78.4	78.8	79.[illegible]	[illegible]		
41.[illegible]	57.1	62.[illegible]	66.2	69.7	72.1	73.3	75.[illegible]	77.8	78.5	78.9	79.[illegible]	79.7	80.[illegible]	80.1	[illegible]		
41.4	56.2	64.[illegible]	[illegible]	7[illegible].4	74.[illegible]	76.2	78.9	8[illegible].6	81.5	81.5	82.[illegible]	82.6	83.[illegible]	83.1	[illegible]		
41.[illegible]	59.1	65.7	70.3	74.0	76.6	77.9	80.6	82.3	83.2	83.5	83.7	84.3	84.7	84.8	[illegible]		
41.[illegible]	59.9	66.1	71.[illegible]	75.5	78.1	79.5	82.2	83.[illegible]	84.8	85.1	85.2	85.9	86.3	86.4	87.1		
41.[illegible]	56.[illegible]	6[illegible].3	71.9	76.3	78.9	80.6	83.5	85.6	86.7	87.1	87.2	87.9	88.2	88.7	89.		
41.[illegible]	5[illegible].4	66.7	72.4	[illegible]	79.8	81.7	85.[illegible]	87.[illegible]	88.5	88.7	89.[illegible]	89.7	90.[illegible]	[illegible]	[illegible]		
41.[illegible]	6[illegible].4	66.7	72.5	77.6	[illegible]	82.9	86.5	88.[illegible]	90.4	90.[illegible]	91.0	91.7	92.1	92.[illegible]	92.[illegible]		
41.7	6[illegible].4	66.7	72.5	77.6	[illegible]	82.9	86.9	89.4	91.9	92.7	93.1	93.9	94.2	94.3	95.[illegible]		
41.[illegible]	6[illegible].4	66.7	72.5	77.6	[illegible]	82.9	86.9	89.5	92.3	93.1	93.4	94.2	94.7	95.[illegible]	95.7		
41.[illegible]	[illegible].4	66.7	72.5	77.6	[illegible]	82.9	86.9	89.5	92.3	93.2	93.5	94.4	95.2	95.61	[illegible]		

TOTAL NUMBER OF OBSERVATIONS _____ 8[illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	31.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35.3	36.4	[illegible]
[illegible]	[illegible]	[illegible]	31.2	32.4	[illegible]	[illegible]	35.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	31.2	32.4	[illegible]	[illegible]	35.	[illegible]	[illegible]	[illegible]	35.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.3	[illegible]	[illegible]	[illegible]	[illegible]	37.	[illegible]	37.1	[illegible]	37.5	[illegible]
[illegible]	[illegible]	[illegible]	33.6	37.1	[illegible]	36.4	37.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	37.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42.4	[illegible]
[illegible]	35.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41.4	[illegible]	[illegible]	42.	[illegible]	[illegible]	[illegible]	[illegible]	44.2
[illegible]	35.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.	[illegible]	44.7
[illegible]	34.3	[illegible]	[illegible]	[illegible]	[illegible]	41.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.	44.4	[illegible]
[illegible]	34.5	[illegible]	[illegible]	[illegible]	[illegible]	41.7	[illegible]	[illegible]	[illegible]	44.2	44.3	44.3	[illegible]	[illegible]	45.7
[illegible]	[illegible]	37.7	[illegible]	[illegible]	[illegible]	[illegible]	45.2	[illegible]	45.2	[illegible]	46.5	[illegible]	47.	[illegible]	[illegible]
[illegible]	37.7	[illegible]	[illegible]	43.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47.9	[illegible]	48.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48.9	[illegible]	49.3	49.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.	51.3	[illegible]	51.6	51.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.9	[illegible]	[illegible]	[illegible]	58.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	54.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.1	[illegible]	[illegible]	[illegible]	63.	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.5	[illegible]	[illegible]	[illegible]	[illegible]	67.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
41.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.2	[illegible]	[illegible]	[illegible]	71.1	71.1	[illegible]	[illegible]	[illegible]
43.1	[illegible]	[illegible]	[illegible]	[illegible]	71.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.7	76.7	77.4	77.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	77.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
44.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.2	[illegible]	[illegible]	[illegible]	[illegible]	81.4	81.4	[illegible]	[illegible]	[illegible]
[illegible]	64.5	[illegible]	[illegible]	[illegible]	77.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	77.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.4	[illegible]	84.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.6	[illegible]	[illegible]	[illegible]	[illegible]	88.9	[illegible]	89.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.7	89.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	76.4	81.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	76.4	81.1	[illegible]	[illegible]	89.7	91.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	76.4	[illegible]	[illegible]	[illegible]	[illegible]	91.7	[illegible]	[illegible]	[illegible]	94.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	76.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.1	93.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CEILING VERSUS VISIBILITY

[illegible]

2

[illegible] BRANCH
[illegible]
[illegible]

[illegible] NORTON [illegible] 73-[illegible] NOV

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	21.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23.7	23.7	23.7	23.7	23.7
[illegible]	[illegible]	33.7	34.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37.1	37.4	37.4	37.4	37.4	37.4	37.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35.7	[illegible]	[illegible]	[illegible]	37.3	[illegible]	[illegible]	[illegible]	37.6	37.6	[illegible]
[illegible]	33.1	[illegible]	[illegible]	[illegible]	[illegible]	36.7	37.1	[illegible]	37.4	37.8	37.8	37.8	37.8	[illegible]	[illegible]
[illegible]	[illegible]	34.4	35.4	35.8	[illegible]	37.4	37.8	[illegible]	[illegible]	38.4	38.4	38.4	38.4	38.4	38.4
[illegible]	[illegible]	[illegible]	37.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42.9	[illegible]	43.4	43.7	43.7	43.7	43.7	43.7	43.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.3	[illegible]	45.7	46.1	46.1	46.1	46.1	46.1	46.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.5	[illegible]	45.6	[illegible]	[illegible]	46.4	46.4	46.4	46.4	46.4	46.4
[illegible]	41.2	42.	43.5	43.9	44.5	[illegible]	[illegible]	46.4	46.5	47.	47.	47.	47.	47.	47.
[illegible]	[illegible]	43.3	[illegible]	45.2	46.1	47.1	47.4	[illegible]	47.9	48.2	48.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	46.9	[illegible]	[illegible]	49.2	[illegible]	49.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.3	[illegible]	53.9	54.2	54.2	54.2	54.2	54.2	54.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.5	56.1	[illegible]	56.5	57.1	57.1	57.1	57.1	57.1	57.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.1	[illegible]	64.2	64.4	64.8	64.8	64.8	64.8	[illegible]	[illegible]
[illegible]	[illegible]	61.7	[illegible]	64.6	[illegible]	[illegible]	67.6	[illegible]	[illegible]	[illegible]	68.7	68.7	68.7	68.7	68.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.1	73.9	[illegible]	[illegible]	75.1	75.1	75.1	75.1	75.1	75.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.7	77.1	77.4	[illegible]	77.9	77.9	77.9	77.9	77.9
[illegible]	[illegible]	[illegible]	[illegible]	77.	[illegible]	79.3	[illegible]	[illegible]	[illegible]	81.2	81.2	81.2	81.2	81.2	81.2
[illegible]	[illegible]	74.	[illegible]	[illegible]	[illegible]	[illegible]	83.7	[illegible]	84.4	84.5	84.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.9	88.3	[illegible]	88.3	[illegible]	88.3	[illegible]
[illegible]	74.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.9	89.3	89.3	89.3	89.3	89.3	89.3
[illegible]	75.5	[illegible]	[illegible]	85.6	[illegible]	[illegible]	[illegible]	[illegible]	91.5	91.9	91.9	91.9	91.9	91.9	91.9
[illegible]	76.1	80.2	84.6	[illegible]	89.3	91.3	92.5	[illegible]	93.5	[illegible]	93.9	93.9	93.9	93.9	93.9
[illegible]	[illegible]	[illegible]	[illegible]	87.6	[illegible]	91.7	93.3	93.7	94.3	94.7	94.7	94.7	94.7	94.7	94.7
[illegible]	76.3	[illegible]	84.9	[illegible]	[illegible]	[illegible]	93.5	[illegible]	[illegible]	95.1	95.1	95.1	95.1	95.1	95.1
[illegible]	[illegible]	[illegible]	85.1	[illegible]	[illegible]	92.2	[illegible]	[illegible]	95.2	95.6	95.6	95.6	95.6	[illegible]	[illegible]
[illegible]	76.3	[illegible]	85.3	[illegible]	[illegible]	92.6	[illegible]	95.7	96.1	96.6	96.6	[illegible]	96.6	[illegible]	96.6
[illegible]	[illegible]	[illegible]	85.3	88.2	[illegible]	92.5	94.7	[illegible]	96.4	97.2	97.2	97.2	97.2	97.2	97.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.6	94.7	[illegible]	96.5	97.4	97.4	97.4	97.4	97.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.7	[illegible]	96.7	97.5	97.5	97.5	97.6	97.9	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31.4	31.[illegible]	31.[illegible]	31.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27.3	32.9	35.[illegible]	38.1	39.9	[illegible]	41.2	42.4	42.7	43.2	43.4	43.[illegible]	43.7	43.[illegible]	44.[illegible]	44.[illegible]
27.0	34.1	35.[illegible]	38.3	39.8	[illegible]	41.5	42.5	42.[illegible]	43.4	43.7	43.7	44.[illegible]	44.1	44.2	44.[illegible]
27.5	34.1	35.[illegible]	38.3	39.8	40.3	41.5	42.5	42.9	43.4	43.5	43.7	44.[illegible]	44.1	44.2	44.[illegible]
27.9	34.7	37.[illegible]	39.9	40.3	40.9	42.0	43.2	43.9	44.1	44.2	44.3	44.5	44.[illegible]	44.7	45.2
27.9	35.[illegible]	38.[illegible]	40.2	41.7	42.0	43.4	44.5	44.9	45.3	45.5	45.5	45.7	45.[illegible]	45.1	46.[illegible]
31.[illegible]	38.6	41.[illegible]	42.6	44.3	44.9	46.0	47.2	47.5	48.0	48.2	48.5	48.7	48.[illegible]	49.9	49.4
31.4	39.2	41.1	43.4	45.0	45.5	46.7	47.7	48.2	48.7	48.9	49.2	49.4	49.[illegible]	49.6	50.1
31.4	39.2	41.1	43.4	45.0	45.5	46.7	47.9	48.2	48.7	48.9	49.2	49.4	49.9	49.6	50.1
31.[illegible]	39.2	41.7	44.2	45.8	46.3	47.9	48.7	49.[illegible]	49.5	49.7	49.9	50.2	[illegible]	[illegible]	50.5
32.1	41.7	43.3	44.7	45.3	46.9	48.0	49.3	49.5	50.1	50.3	50.5	50.7	51.8	51.9	51.4
34.[illegible]	43.1	45.1	47.6	49.5	50.1	51.2	52.4	52.8	53.3	53.9	53.5	54.0	54.1	54.2	54.7
35.[illegible]	45.[illegible]	47.1	49.6	51.5	52.1	53.2	54.5	54.9	55.4	55.8	55.5	56.0	56.2	56.3	56.7
35.5	46.2	48.[illegible]	51.6	53.3	53.9	55.[illegible]	56.3	56.6	57.2	57.4	57.6	57.9	58.[illegible]	58.1	59.[illegible]
37.[illegible]	47.9	50.3	53.4	55.3	55.9	57.1	58.3	58.6	59.2	59.4	59.7	59.9	60.[illegible]	60.1	60.5
40.1	51.5	54.4	57.7	59.5	60.2	61.6	62.9	63.3	63.5	64.1	64.3	64.5	64.[illegible]	64.7	65.2
42.[illegible]	55.5	58.[illegible]	62.0	64.8	64.8	66.1	67.5	67.8	68.5	68.7	68.9	69.2	69.2	69.4	69.8
45.4	61.3	63.7	67.3	69.4	70.2	71.8	73.3	73.7	74.5	74.7	74.9	75.1	75.3	75.4	75.9
46.7	62.[illegible]	66.[illegible]	69.7	71.1	72.9	74.5	76.2	76.5	77.3	77.5	77.7	78.0	78.1	78.2	78.6
47.0	62.9	67.[illegible]	71.3	74.1	74.9	76.5	78.3	78.6	79.5	79.9	81.[illegible]	81.2	80.5	80.5	80.9
48.5	66.2	70.4	75.8	79.1	80.0	81.7	83.5	83.8	85.0	85.2	85.5	85.9	85.9	85.9	86.4
49.3	67.6	72.1	77.5	81.1	82.0	83.8	85.6	86.0	87.1	87.3	87.7	87.9	88.1	88.1	88.[illegible]
4[illegible].5	68.3	73.[illegible]	78.2	81.8	82.7	84.5	86.6	86.9	88.0	88.2	88.6	88.9	88.9	89.0	89.[illegible]
4[illegible].9	68.7	73.5	79.0	82.7	83.6	85.4	87.5	88.0	89.2	89.4	89.7	89.9	90.1	90.2	[illegible]
7[illegible].1	69.3	74.2	8[illegible].0	83.8	84.9	86.8	88.8	89.4	90.7	91.0	91.3	91.5	91.[illegible]	91.8	92.0
50.1	69.7	74.7	80.6	84.6	85.9	87.8	90.1	90.4	92.0	92.2	92.5	92.8	92.9	93.0	93.4
50.1	69.8	74.8	80.7	85.0	86.3	88.4	90.7	91.3	92.8	93.0	93.3	93.6	93.7	93.8	94.2
50.1	67.9	74.8	81.0	85.4	86.0	88.8	91.6	92.3	93.9	94.1	94.5	94.7	94.8	94.9	95.4
[illegible].1	67.9	74.9	81.0	85.5	86.9	88.9	92.0	92.9	94.6	94.8	95.1	95.4	95.5	95.6	96.0
50.1	67.9	74.9	81.0	85.5	86.9	88.9	92.5	93.6	95.5	95.7	96.0	96.3	96.4	96.5	96.9
[illegible].1	67.9	74.9	81.0	85.5	86.9	88.9	92.5	93.7	95.5	95.8	96.2	96.6	96.7	96.8	97.7
50.1	67.9	74.9	81.0	85.5	86.9	88.9	92.5	[illegible]7	95.7	95.9	96.4	96.9	97.0	97.6	[illegible]

TOTAL NUMBER OF OBSERVATIONS 285

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.2	36.3	37.9	39.7	41.4	42.4	43.	43.[illegible]	44.	44.[illegible]	44.2	44.3	44.4	44.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.4	35.4	37.0	39.8	40.5	42.5	43.1	44.[illegible]	44.1	44.1	44.7	44.4	44.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.5	36.5	[illegible].1	39.2	40.6	42.7	43.3	44.2	44.3	44.7	44.5	44.7	44.3	45.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	37.2	[illegible].7	41.5	43.2	44.3	44.[illegible]	45.5	45.[illegible]	45.9	45.1	45.3	45.4	46.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	37.5	39.5	42.2	43.[illegible]	43.7	45.5	46.4	47.[illegible]	47.4	47.4	47.6	47.7	47.8	48.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	37.4	39.5	42.3	43.1	43.5	45.9	46.[illegible]	47.4	47.[illegible]	47.5	47.7	47.5	48.7	48.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	37.6	39.4	42.4	43.2	43.9	46.1	46.[illegible]	47.3	47.[illegible]	47.5	47.8	47.[illegible]	48.1	49.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	38.7	40.7	43.5	44.3	45.2	47.2	47.7	48.5	48.8	4[illegible].5	49.3	49.1	49.7	50.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	42.1	44.9	45.7	46.4	46.5	47.[illegible]	50.2	50.1	50.1	51.3	51.5	51.6	51.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	43.1	45.2	48.1	49.9	49.5	51.6	52.4	52.3	53.4	53.4	53.6	53.7	53.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	41.[illegible]	44.	46.1	47.7	49.5	51.5	52.7	53.4	54.3	54.4	54.4	54.6	54.5	54.9	55.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	43.7	45.[illegible]	48.6	51.5	52.3	52.9	55.2	55.[illegible]	55.9	57.[illegible]	57.[illegible]	57.3	57.4	57.5	58.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	47.7	51.[illegible]	52.8	53.7	54.6	56.9	57.7	58.5	58.7	58.7	58.7	59.1	59.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.8	51.[illegible]	53.1	55.0	56.9	57.6	60.3	61.1	62.	62.1	62.1	62.4	62.5	62.6	63.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	51.5	53.6	57.0	60.2	61.1	62.0	64.6	65.8	66.7	66.8	66.8	67.0	67.1	67.2	68.1	[illegible]	[illegible]	[illegible]	[illegible]
41.4	55.2	57.7	61.6	64.9	66.[illegible]	66.7	69.8	71.1	72.0	72.1	72.1	72.3	72.4	72.6	73.5	[illegible]	[illegible]	[illegible]	[illegible]
42.3	56.5	59.7	63.3	66.6	67.7	68.7	71.8	73.	74.[illegible]	74.1	74.1	74.4	74.5	74.6	75.5	[illegible]	[illegible]	[illegible]	[illegible]
43.[illegible]	57.5	60.9	65.2	69.0	70.2	71.3	74.4	75.7	76.8	76.9	76.9	77.1	77.2	77.3	78.3	[illegible]	[illegible]	[illegible]	[illegible]
45.4	62.2	65.5	70.5	74.5	76.0	77.3	80.4	81.7	82.9	83.[illegible]	83.1	83.3	83.4	83.6	84.5	[illegible]	[illegible]	[illegible]	[illegible]
46.5	64.1	67.3	72.6	76.5	78.1	79.5	82.5	83.9	85.0	85.1	85.3	85.5	85.6	85.7	86.6	[illegible]	[illegible]	[illegible]	[illegible]
46.[illegible]	64.6	68.1	73.4	77.5	78.9	80.4	83.4	84.[illegible]	85.9	86.1	86.2	86.4	86.5	86.5	87.5	[illegible]	[illegible]	[illegible]	[illegible]
47.2	65.5	69.[illegible]	74.4	78.8	80.2	81.6	84.6	85.2	87.4	87.5	87.6	87.9	88.[illegible]	88.1	89.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
47.[illegible]	66.3	69.5	75.2	79.7	81.1	82.7	85.9	87.4	88.8	89.9	89.[illegible]	89.2	89.3	89.5	90.4	[illegible]	[illegible]	[illegible]	[illegible]
47.5	66.5	70.4	75.9	80.8	82.2	83.8	87.3	88.8	90.1	90.2	90.4	90.6	90.7	90.8	91.7	[illegible]	[illegible]	[illegible]	[illegible]
47.7	66.9	70.7	76.2	81.2	82.5	84.1	87.6	89.2	90.8	91.0	91.2	91.4	91.5	91.6	92.5	[illegible]	[illegible]	[illegible]	[illegible]
47.7	67.[illegible]	71.1	76.5	81.9	83.2	84.8	88.5	90.1	92.1	92.3	92.4	92.6	92.7	92.9	93.8	[illegible]	[illegible]	[illegible]	[illegible]
47.7	67.[illegible]	71.1	76.5	82.0	83.4	85.0	89.6	91.4	93.4	93.7	93.8	94.0	94.1	94.2	95.2	[illegible]	[illegible]	[illegible]	[illegible]
47.7	67.[illegible]	71.1	76.5	82.1	83.7	85.4	90.2	92.4	94.6	94.8	94.9	95.2	95.4	95.5	96.3	[illegible]	[illegible]	[illegible]	[illegible]
47.7	67.[illegible]	71.1	76.5	82.1	83.7	85.4	90.6	92.9	95.2	95.8	95.9	96.3	96.5	96.6	96.1	[illegible]	[illegible]	[illegible]	[illegible]
47.7	67.0	71.1	76.5	82.1	83.7	85.4	90.6	92.9	95.2	95.8	95.9	96.3	96.5	96.6	96.8	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 982

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	31.0	32.1	34.5	35.3	35.9	37.1	37.6	38.1	38.2	38.3	38.5	38.6	38.9	39.4				
[illegible]	[illegible]	31.7	33.2	34.6	35.4	35.9	37.2	37.7	38.0	38.3	38.4	38.6	38.9	39.0	39.5				
[illegible]	[illegible]	31.4	33.2	34.6	35.4	36.7	37.2	37.7	38.2	38.4	38.4	38.6	38.9	39.0	39.5				
[illegible]	[illegible]	31.7	33.6	35.1	35.9	36.5	37.7	38.0	38.7	38.9	39.0	39.1	39.4	39.5	41.1				
[illegible]	31.8	33.[illegible]	35.1	36.7	37.5	39.1	39.4	39.9	40.4	[illegible]	[illegible]	[illegible]	41.1	41.2	41.8				
[illegible]	35.6	35.6	37.5	38.1	40.0	40.6	41.9	42.4	43.0	43.2	43.3	43.4	43.7	43.8	44.4				
[illegible]	34.3	36.2	38.2	39.9	40.7	41.4	42.7	43.2	43.3	44.0	44.1	44.3	44.5	44.6	45.0				
[illegible]	34.5	35.4	38.4	[illegible]	41.0	41.7	42.9	43.5	44.1	44.7	44.4	44.5	44.[illegible]	44.9	45.5				
[illegible]	35.1	37.0	39.1	40.7	41.6	42.3	43.6	44.1	44.7	44.9	45.0	45.2	45.5	45.6	46.2				
[illegible]	36.2	37.7	40.1	41.9	42.8	43.4	44.7	45.3	45.9	46.1	46.2	46.3	46.6	46.7	47.3				
[illegible]	36.4	40.4	42.6	44.6	45.5	46.3	47.7	48.3	48.9	49.1	49.2	49.4	49.7	49.8	[illegible]				
[illegible]	41.1	42.1	44.5	46.4	47.3	48.1	49.5	50.1	50.7	50.9	51.0	51.2	51.5	51.6	[illegible]				
[illegible]	41.5	43.7	46.4	48.4	49.4	50.1	51.7	52.3	52.9	53.1	53.2	53.4	53.7	53.9	54.4				
[illegible]	43.3	45.7	48.4	50.4	51.6	52.4	53.9	54.5	55.1	55.4	55.5	55.7	56.0	56.1	56.7				
[illegible]	47.1	49.7	52.6	54.8	56.0	56.8	58.5	59.1	59.7	60.0	60.1	60.3	60.6	60.7	61.5				
[illegible]	50.2	53.5	56.6	59.0	60.3	61.1	62.9	63.5	64.2	64.4	64.5	64.7	65.1	65.1	65.7				
[illegible]	55.3	58.4	61.5	64.4	65.7	66.5	68.6	69.3	70.3	70.3	70.4	70.6	70.9	71.0	71.5				
42.9	57.[illegible]	60.2	63.8	66.5	67.9	68.9	71.0	71.3	72.5	72.3	72.9	73.1	73.4	73.5	74.1				
44.3	56.8	62.2	66.[illegible]	69.0	70.4	71.4	73.5	74.4	75.2	75.4	75.5	75.8	76.1	76.2	76.8				
45.5	62.3	66.[illegible]	70.3	73.6	75.2	76.2	78.4	79.3	80.1	80.4	80.5	80.7	81.1	81.2	81.5				
46.4	63.9	67.1	72.7	76.1	77.7	78.9	81.0	82.0	82.9	83.1	83.2	83.5	83.8	83.9	84.5				
46.7	64.6	69.9	73.5	77.1	78.7	79.9	82.1	83.1	84.0	84.2	84.4	84.6	85.0	85.1	85.7				
47.1	65.7	70.1	75.1	78.8	[illegible]	81.8	84.1	85.1	86.0	86.3	86.5	86.7	87.0	87.1	87.7				
47.2	66.4	71.1	76.3	[illegible]	82.2	83.4	85.7	86.5	87.6	88.1	88.2	88.4	88.8	88.9	89.5				
47.2	66.8	71.6	77.1	81.4	83.4	84.6	87.1	88.2	89.2	89.5	89.6	89.9	90.2	90.3	90.9				
47.2	67.0	71.9	77.5	82.0	[illegible]	85.4	88.0	89.2	90.3	90.6	90.7	91.0	91.3	91.4	91.[illegible]				
47.3	67.2	72.2	77.9	81.5	84.6	86.2	89.0	90.4	91.6	91.9	92.1	92.3	92.7	92.8	93.4				
47.3	67.2	72.[illegible]	78.0	82.5	85.0	86.7	89.9	91.5	92.9	93.3	93.5	93.7	94.1	94.2	94.8				
47.3	67.2	72.2	75.[illegible]	82.8	85.1	86.9	90.4	92.1	93.9	94.4	94.6	94.9	95.3	95.4	96.1				
47.3	67.2	72.3	75.[illegible]	82.8	85.1	86.9	90.4	92.3	94.2	94.8	95.0	95.4	95.5	96.0	97.4				
47.3	67.2	72.3	75.[illegible]	82.8	85.2	86.9	90.5	92.4	94.4	95.[illegible]	95.3	95.7	96.4	96.8	100.[illegible]				

TOTAL NUMBER OF OBSERVATIONS 7282

AL CLIMATOLOGY BRANCH
WRAFTAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] SPICE NORTON AFB CA 73-[illegible] DEC

DEC- [illegible]

[illegible]	[illegible]	23.2	24.6	26.4	27.6	27.9	29.4	31.1	32.2	32.2	32.5	32.8	32.9	33.2	33.5	
16.1	22.7	24.9	25.3	27.9	31.1	31.4	32.9	33.6	33.7	33.7	33.8	34.2	34.4	34.4	35.[illegible]	
16.2	22.6	25.3	26.1	32.3	31.2	31.5	33.[illegible]	33.7	33.8	33.8	33.9	34.4	34.5	34.5	35.1	
16.2	22.6	27.1	28.1	32.3	31.2	31.5	33.1	33.7	33.8	33.8	33.9	34.4	34.5	34.5	35.1	
16.7	22.3	25.4	28.7	32.5	31.7	32.1	33.6	34.2	34.4	34.4	34.5	34.9	35.[illegible]	35.2	35.7	
17.1	24.2	26.1	29.5	31.2	32.4	32.7	34.2	34.2	35.2	35.2	35.1	35.6	35.7	35.7	36.3	
17.6	25.1	27.7	3[illegible].6	32.7	33.9	34.4	35.9	36.2	36.5	36.8	36.9	37.3	37.4	37.4	38.1	
17.6	25.4	27.[illegible]	31.3	33.2	34.2	34.7	36.2	36.9	37.[illegible]	37.1	37.2	37.6	37.7	37.7	38.4	
17.9	25.6	27.[illegible]	31.1	33.2	34.4	34.9	36.3	37.2	37.1	37.2	37.3	37.7	37.8	37.8	38.9	
17.9	25.6	28.[illegible]	31.7	33.8	35.3	35.4	37.3	37.6	37.7	37.8	37.9	38.4	38.5	38.5	39.1	
18.3	26.2	29.1	32.3	34.5	36.7	36.1	37.6	38.7	38.4	38.5	38.6	39.3	39.1	39.1	39.6	
19.1	28.9	30.[illegible]	35.4	37.8	39.[illegible]	39.8	41.3	42.1	42.2	42.3	42.4	42.9	43.3	43.3	43.6	
19.7	31.2	33.7	36.9	39.3	40.5	41.4	43.1	43.9	44.2	44.3	44.4	44.8	44.9	44.9	45.5	
21.9	31.6	34.9	38.5	41.9	42.1	43.1	44.7	45.6	45.8	46.[illegible]	46.1	46.6	46.8	46.8	47.4	
22.1	32.4	35.7	39.6	42.3	43.2	44.2	45.8	46.7	46.9	47.1	47.2	47.7	47.9	47.9	48.5	
24.1	34.7	38.7	42.1	44.8	46.1	47.4	49.3	50.3	50.5	50.7	50.8	51.3	51.5	51.5	52.1	
25.1	37.3	41.1	45.4	48.6	50.3	51.6	53.5	54.7	55.3	55.7	55.8	56.3	56.5	56.5	57.1	
27.9	41.7	45.3	49.8	53.8	55.5	57.1	59.5	60.9	61.4	61.5	61.9	62.4	62.6	62.6	63.[illegible]	
28.5	42.5	46.6	51.3	55.4	57.6	59.2	61.6	62.9	63.5	64.1	64.2	64.7	64.9	64.9	65.5	
29.3	43.9	48.7	53.6	58.1	60.2	62.2	64.9	66.7	66.8	67.4	67.5	67.9	68.2	68.2	68.8	
32.1	48.7	54.1	59.2	64.4	66.6	68.8	71.4	72.9	73.5	74.[illegible]	74.2	74.6	74.8	74.8	75.5	
33.3	50.8	56.9	61.5	67.3	69.1	71.3	73.9	75.4	76.[illegible]	76.6	76.7	77.1	77.3	77.3	78.[illegible]	
33.4	51.3	56.6	61.9	67.5	69.7	71.9	74.5	75.9	76.7	77.2	77.3	77.8	78.[illegible]	78.9	78.6	
33.7	52.2	57.7	63.3	68.8	71.3	73.2	75.8	77.3	78.2	78.7	78.8	79.3	79.5	79.5	80.2	
34.1	53.2	58.8	64.6	70.4	72.8	75.2	77.9	79.5	80.5	81.[illegible]	81.1	81.6	81.8	81.8	82.4	
34.4	54.6	6[illegible].3	66.3	72.5	75.3	77.2	80.3	82.1	83.2	83.8	84.0	84.4	84.6	84.6	85.3	
34.5	54.9	62.5	66.6	73.9	75.7	78.9	81.8	83.6	84.7	85.3	85.5	85.9	86.2	86.2	86.9	
34.6	55.3	61.2	67.6	74.3	77.3	79.7	83.9	85.[illegible]	87.4	87.9	88.1	88.7	88.9	88.9	89.5	
34.6	55.4	61.3	67.6	74.9	77.8	81.3	85.7	88.9	89.4	90.[illegible]	90.2	90.7	90.9	90.9	91.6	
34.6	55.4	61.3	67.8	75.1	78.3	81.2	86.3	89.9	91.4	91.9	92.3	92.8	93.[illegible]	93.[illegible]	93.7	
34.6	55.4	61.3	67.8	75.1	78.3	81.2	86.9	90.3	92.1	92.7	93.2	93.9	94.3	94.3	95.4	
34.6	55.4	61.3	67.8	75.1	78.3	81.2	86.9	90.4	92.7	93.6	94.1	94.8	95.5	96.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 717

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRICE NORTON RAF UK 73-[illegible]

[illegible]	17.2	[illegible]	21.1	22.5	23.6	24.7	25.2	25.5	25.9	25.9	26.9	26.0	26.7	26.7	26.7	[illegible]	[illegible]
14.4	19.2	21.	23.2	25.1	26.2	26.9	27.9	28.7	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	[illegible]
14.4	17.2	21.7	27.2	25.1	26.2	26.9	27.9	[illegible]	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	[illegible]
14.4	19.2	21.7	23.2	25.1	26.2	26.9	27.9	28.7	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	[illegible]
14.5	19.5	21.7	23.6	25.4	26.5	27.2	28.2	28.9	28.8	28.8	28.3	28.9	28.9	28.9	28.9	28.9	29.2
14.7	20.3	27.4	24.3	26.2	27.2	28.1	28.9	29.7	29.5	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.9
15.	21.4	23.7	25.6	27.5	28.7	29.4	30.5	30.8	31.1	31.1	31.1	31.2	31.2	31.2	31.3	31.5	
15.1	21.0	24.5	26.6	28.5	29.7	30.4	31.5	31.8	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.5	
15.1	21.8	24.7	26.6	28.5	29.7	30.4	31.5	31.8	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.5	
15.7	22.8	24.7	27.1	29.1	30.3	30.7	32.0	32.3	32.7	32.7	32.7	32.8	32.8	32.8	32.8	33.1	
17.4	23.7	26.5	28.8	31.0	32.2	32.9	34.0	34.4	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.2	
17.2	26.3	29.4	32.1	34.5	35.7	36.5	37.7	38.2	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.9	
20.6	29.0	31.7	33.8	36.3	37.5	38.3	39.5	40.0	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.8	
21.1	29.8	32.0	33.0	37.5	38.7	39.5	40.8	41.4	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.3	
21.9	31.0	33.7	36.3	38.8	40.0	40.8	42.2	42.7	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.9	
25.5	32.8	36.7	40.1	42.9	44.2	45.1	46.8	47.6	48.1	48.4	48.4	48.5	48.5	48.5	48.5	48.7	
26.7	35.1	39.1	42.8	45.7	47.1	48.0	50.2	51.1	51.6	51.9	51.9	52.0	52.0	52.0	52.0	52.2	
27.5	40.1	44.8	49.1	52.4	53.9	54.8	57.5	58.6	59.2	59.4	59.4	59.5	59.5	59.5	59.5	59.8	
29.1	41.6	46.5	51.4	54.9	56.6	57.5	60.3	61.4	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.8	
29.9	43.0	49.0	53.6	57.3	59.2	60.2	63.2	64.5	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.9	
31.4	4[illegible]	52.7	56.2	61.7	63.8	64.5	67.7	69.2	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.6	
32.7	50.1	55.5	61.8	65.4	67.5	68.5	71.6	72.9	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.3	
32.9	51.0	59.6	63.5	67.7	69.2	70.2	73.2	74.6	75.4	75.7	75.7	75.8	75.8	75.8	75.8	76.0	
33.7	52.5	58.4	65.5	69.7	71.2	72.4	75.5	76.9	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.3	
34.0	53.6	57.0	66.6	71.3	72.6	73.9	77.1	78.4	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.8	
34.5	54.5	61.7	68.1	71.6	74.0	75.3	78.8	80.2	81.1	81.4	81.4	81.6	81.6	81.6	81.6	81.8	
34.5	54.8	61.	68.8	72.3	74.7	76.2	80.0	81.5	82.7	83.1	83.1	83.3	83.3	83.3	83.3	83.6	
34.6	55.0	61.5	69.5	73.2	75.8	77.4	81.7	83.3	84.6	85.2	85.2	85.4	85.4	85.4	85.4	85.6	
34.6	55.0	61.5	69.5	73.4	76.2	78.3	83.4	85.3	86.6	87.2	87.2	87.4	87.5	87.5	87.5	87.7	
34.6	55.0	61.5	69.5	73.4	76.4	78.5	84.8	87.6	89.7	90.4	90.5	90.7	90.9	90.9	90.9	91.1	
34.6	55.0	61.5	69.5	73.4	76.4	78.5	85.5	88.5	91.2	92.3	92.4	93.0	93.5	93.8	94.5		
34.6	55.0	61.5	69.5	73.4	76.4	78.5	85.3	88.7	91.6	93.3	93.9	94.6	96.2	96.7	100.0		

TOTAL NUMBER OF OBSERVATIONS 912

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.4	21.7	22.5	23.3	23.7	24.2	24.2	24.4	24.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	23.[illegible]	24.5	25.4	26.3	27.2	27.9	28.4	28.9	29.1	29.2	29.4	29.4	29.9	30.1	[illegible]	[illegible]
[illegible]	[illegible]	23.1	24.8	25.6	26.5	27.4	28.1	28.6	29.1	29.7	29.4	29.7	[illegible]	30.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	23.1	24.8	25.5	26.5	27.4	28.1	28.6	29.1	29.3	29.4	29.7	[illegible]	30.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	23.2	24.7	25.7	26.6	27.5	28.2	28.7	29.2	29.4	29.6	29.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	24.0	25.0	26.5	27.4	28.2	29.1	29.6	30.1	30.3	30.4	30.6	31.[illegible]	31.1	31.3	[illegible]	[illegible]
[illegible]	24.4	25.[illegible]	27.3	28.4	29.2	30.1	31.2	31.[illegible]	32.2	32.4	32.5	32.7	33.[illegible]	33.2	33.4	[illegible]	[illegible]
[illegible]	25.2	25.4	26.4	29.4	30.3	31.2	32.3	32.7	33.3	33.[illegible]	33.6	33.9	34.1	34.2	34.5	[illegible]	[illegible]
[illegible]	25.3	26.5	28.5	29.6	31.4	31.3	32.4	32.8	33.4	33.[illegible]	33.7	33.9	34.2	34.4	34.6	[illegible]	[illegible]
[illegible]	25.6	26.8	29.0	29.9	30.6	31.6	32.7	33.2	33.7	33.9	34.1	34.2	34.6	34.7	34.9	[illegible]	[illegible]
[illegible]	25.6	27.[illegible]	29.1	30.2	31.1	32.0	33.0	33.5	34.1	34.4	34.5	34.7	35.[illegible]	35.1	35.7	[illegible]	[illegible]
[illegible]	26.5	30.0	32.1	33.2	34.0	34.9	36.0	36.6	37.2	37.5	37.6	37.8	38.2	39.3	40.5	[illegible]	[illegible]
[illegible]	29.9	31.4	33.5	34.6	35.4	36.3	37.4	38.1	38.7	39.0	39.1	39.4	39.7	39.8	40.7	[illegible]	[illegible]
25.4	30.9	32.4	34.6	35.7	36.5	37.4	38.5	39.1	39.8	40.1	40.2	40.5	40.8	40.9	41.1	[illegible]	[illegible]
29.7	32.0	33.7	36.2	37.4	38.3	39.3	40.3	41.[illegible]	41.7	42.[illegible]	42.1	42.3	42.6	42.7	43.[illegible]	[illegible]	[illegible]
[illegible]	35.2	37.[illegible]	40.7	42.4	43.6	44.3	46.2	46.[illegible]	47.8	48.1	48.2	43.4	48.9	49.[illegible]	49.2	[illegible]	[illegible]
[illegible]	36.6	41.3	44.6	46.7	48.1	49.3	50.9	51.7	52.6	52.9	53.[illegible]	53.2	53.7	53.8	54.[illegible]	[illegible]	[illegible]
[illegible]	41.7	44.7	46.6	52.7	52.2	53.5	55.5	56.4	57.3	57.6	57.7	57.9	58.3	58.5	59.7	[illegible]	[illegible]
32.1	43.4	46.5	51.8	53.0	54.6	55.2	58.3	59.2	60.1	60.4	60.5	60.7	61.2	61.3	61.5	[illegible]	[illegible]
33.3	45.3	49.1	53.3	55.8	57.6	59.1	61.7	62.6	63.5	63.9	63.9	64.1	64.6	64.7	64.9	[illegible]	[illegible]
34.7	48.1	52.5	57.3	60.3	62.2	63.7	66.5	67.9	68.4	69.7	68.6	69.0	69.5	69.6	69.8	[illegible]	[illegible]
36.2	51.1	55.8	61.2	64.2	66.1	67.7	70.8	71.7	72.6	73.[illegible]	73.1	73.3	73.7	73.9	74.[illegible]	[illegible]	[illegible]
37.1	53.0	57.9	63.6	66.6	68.7	70.3	73.4	74.4	75.2	75.6	75.7	75.9	76.3	76.4	76.7	[illegible]	[illegible]
37.1	54.0	59.2	65.2	68.5	70.6	72.2	75.4	76.3	77.2	77.5	77.6	77.9	78.3	78.4	78.6	[illegible]	[illegible]
37.3	54.4	61.0	66.2	69.6	71.8	73.5	76.8	77.8	78.6	79.0	79.1	79.3	79.7	79.8	80.[illegible]	[illegible]	[illegible]
37.3	55.6	61.3	67.6	71.4	73.3	75.6	79.0	80.0	80.9	81.2	81.4	81.6	82.0	82.1	82.3	[illegible]	[illegible]
38.1	56.5	62.9	69.1	73.1	75.5	77.2	80.7	81.8	82.7	83.[illegible]	83.1	83.3	83.8	83.9	84.1	[illegible]	[illegible]
[illegible]	56.6	62.9	70.3	73.9	76.6	78.5	82.2	83.8	84.6	85.[illegible]	85.1	85.3	85.7	85.8	86.[illegible]	[illegible]	[illegible]
38.1	56.6	63.5	70.2	74.4	77.9	80.6	84.5	86.0	87.2	87.7	87.8	88.0	88.4	88.5	88.8	[illegible]	[illegible]
38.1	56.6	62.5	70.3	74.5	78.1	80.8	85.6	87.8	89.2	89.7	90.1	90.5	91.1	91.2	91.4	[illegible]	[illegible]
38.1	56.6	63.6	72.3	74.5	78.1	80.8	86.0	88.5	90.9	91.6	91.9	92.6	93.2	94.1	94.5	[illegible]	[illegible]
38.1	56.6	63.6	72.3	74.5	78.1	80.6	86.0	88.7	91.4	92.4	93.1	94.9	96.5	97.5	98.[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 912

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	15.4	17.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23.4	27.5	[illegible]	31.1	31.4	31.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	24.5	25.4	27.6	29.2	[illegible]	32.5	31.5	32.2	32.4	32.4	32.4	32.4	32.6	32.4	32.8	33.0	[illegible]	[illegible]	[illegible]
[illegible]	24.5	25.4	27.0	29.7	[illegible]	[illegible]	31.4	32.2	32.4	32.4	32.4	32.4	32.6	32.4	32.8	33.0	[illegible]	[illegible]	[illegible]
[illegible]	24.5	25.4	27.8	29.2	30.0	30.4	31.4	32.2	32.4	32.4	32.4	32.4	32.6	32.4	32.8	33.0	[illegible]	[illegible]	[illegible]
[illegible]	25.5	26.4	28.8	30.2	30.4	31.4	32.5	33.2	33.4	33.4	33.4	33.4	33.6	33.8	33.8	34.0	[illegible]	[illegible]	[illegible]
[illegible]	26.1	27.4	29.6	31.2	31.4	32.8	33.4	34.2	34.4	34.4	34.4	34.6	34.7	35.4	35.4	35.2	[illegible]	[illegible]	[illegible]
31.6	26.1	29.4	31.4	33.4	34.4	35.2	35.6	36.7	36.4	36.4	36.4	37.1	37.4	37.4	37.4	37.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	30.4	32.4	34.4	35.3	36.2	36.6	37.8	38.0	38.1	38.1	38.3	38.6	38.4	38.6	38.8	[illegible]	[illegible]	[illegible]
[illegible]	29.1	33.4	34.5	35.4	36.3	36.9	37.4	38.1	38.2	38.2	38.2	38.5	38.7	38.7	38.7	38.9	[illegible]	[illegible]	[illegible]
[illegible]	29.1	33.4	34.5	35.4	36.3	36.9	37.4	38.1	38.2	38.2	38.2	38.5	38.7	38.7	38.7	38.9	[illegible]	[illegible]	[illegible]
[illegible]	31.4	33.4	34.4	36.3	37.3	37.9	38.9	39.1	39.3	39.3	39.3	39.5	39.8	39.8	40.0	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	31.4	33.4	36.1	37.7	38.6	39.5	40.2	41.3	41.6	41.6	41.6	41.6	42.0	42.3	42.3	42.5	[illegible]	[illegible]	[illegible]
[illegible]	32.6	34.7	36.6	38.5	39.4	40.4	41.1	42.2	42.5	42.7	42.7	42.9	43.1	43.1	43.1	43.4	[illegible]	[illegible]	[illegible]
[illegible]	34.1	35.4	38.3	40.3	41.3	42.4	43.0	44.2	44.6	44.8	44.8	45.0	45.2	45.2	45.2	45.4	[illegible]	[illegible]	[illegible]
[illegible]	36.2	39.7	40.6	42.6	43.6	44.8	45.4	46.6	46.9	47.2	47.2	47.4	47.6	47.6	47.6	47.8	[illegible]	[illegible]	[illegible]
[illegible]	38.3	41.4	44.7	46.7	47.9	49.1	49.9	51.3	52.3	52.3	52.5	52.5	52.7	52.9	52.9	53.2	[illegible]	[illegible]	[illegible]
[illegible]	41.7	44.1	47.6	[illegible]	[illegible]	52.6	53.4	55.1	56.1	56.3	56.3	56.5	56.6	56.8	56.8	57.0	[illegible]	[illegible]	[illegible]
[illegible]	45.2	47.6	51.2	53.8	55.1	56.6	58.1	59.8	61.8	61.2	61.2	61.3	61.5	61.5	61.5	61.9	[illegible]	[illegible]	[illegible]
[illegible]	46.9	49.7	52.9	55.6	57.2	59.6	61.1	62.2	63.2	63.2	63.2	63.6	63.7	63.7	63.7	63.9	[illegible]	[illegible]	[illegible]
[illegible]	49.9	51.7	55.4	58.3	59.7	61.4	63.1	64.2	65.9	66.2	66.2	66.6	66.8	66.8	66.8	67.0	[illegible]	[illegible]	[illegible]
[illegible]	51.7	55.1	[illegible]	63.5	64.9	66.8	68.5	70.4	71.6	71.9	71.9	72.2	72.4	72.4	72.4	72.7	[illegible]	[illegible]	[illegible]
[illegible]	54.6	58.7	63.6	67.2	68.7	70.6	72.3	74.2	75.4	75.7	75.7	76.0	76.3	76.3	76.3	76.5	[illegible]	[illegible]	[illegible]
[illegible]	55.4	59.9	64.9	68.8	70.4	72.2	74.0	75.9	77.1	77.5	77.5	77.8	78.0	78.0	78.0	78.2	[illegible]	[illegible]	[illegible]
[illegible]	56.3	61.9	66.2	70.3	71.8	73.9	75.6	77.8	79.1	79.3	79.3	79.6	79.8	79.8	79.8	80.1	[illegible]	[illegible]	[illegible]
[illegible]	57.5	62.7	67.8	71.8	73.4	75.7	77.6	79.7	80.9	81.3	81.3	81.6	81.8	81.8	81.8	82.0	[illegible]	[illegible]	[illegible]
[illegible]	58.9	63.9	69.6	74.0	75.9	78.3	80.5	82.7	84.1	84.4	84.4	84.7	85.0	85.0	85.0	85.2	[illegible]	[illegible]	[illegible]
[illegible]	59.2	63.9	71.0	74.5	76.7	79.1	81.4	83.8	85.0	85.3	85.3	85.6	85.8	85.8	85.8	86.1	[illegible]	[illegible]	[illegible]
[illegible]	59.5	64.4	70.8	75.4	77.6	80.5	83.1	85.5	86.7	87.3	87.3	87.6	87.8	87.8	87.8	88.0	[illegible]	[illegible]	[illegible]
[illegible]	59.5	64.9	71.0	76.0	79.0	82.2	85.0	88.5	89.9	90.4	90.5	90.8	91.1	91.1	91.1	91.3	[illegible]	[illegible]	[illegible]
[illegible]	59.6	64.9	71.0	76.4	79.3	82.8	87.0	90.8	92.2	93.0	93.1	93.8	94.0	94.0	94.0	94.2	[illegible]	[illegible]	[illegible]
[illegible]	59.6	64.9	71.0	76.4	79.3	83.1	87.6	91.3	93.2	94.0	94.4	95.1	95.9	95.9	95.9	96.6	[illegible]	[illegible]	[illegible]
[illegible]	59.6	64.9	71.0	76.4	79.3	83.1	87.6	91.3	93.9	95.0	95.3	96.1	97.5	97.9	97.9	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 21[illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	17.6	[illegible]	[illegible]	[illegible]	[illegible]	26.7	32.6	27.5	28.2	27.1	23.2	23.2	23.2	23.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	28.	27.7	27.4	27.9	31.0	32.	32.6	33.0	33.2	33.4	33.6	33.6	33.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	28.2	27.4	27.6	31.0	31.6	32.1	32.7	33.	33.3	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
[illegible]	28.2	27.4	28.6	31.0	31.6	32.1	32.7	33.	33.3	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
[illegible]	28.1	27.4	30.6	32.1	32.7	33.2	34.0	34.1	34.4	34.7	34.8	34.6	34.[illegible]	[illegible]	34.9	34.9	34.9	34.9	34.9
[illegible]	28.1	28.7	32.6	34.3	34.9	35.4	36.2	36.7	36.6	36.9	37.0	37.0	37.	37.1	37.				
[illegible]	29.9	31.8	34.7	36.5	37.1	37.7	38.5	38.6	39.[illegible]	39.0	39.3	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7
[illegible]	30.5	32.[illegible]	35.2	37.1	37.7	38.4	39.2	39.3	39.6	39.9	4[illegible]	4[illegible]	4[illegible]	40.[illegible]	40.0	40.0	40.0	40.0	40.0
[illegible]	31.0	32.9	35.6	37.6	38.3	39.0	39.7	39.9	40.2	40.4	40.5	40.5	40.[illegible]	40.7	40.7	40.7	40.7	40.7	40.7
[illegible]	32.0	33.3	35.6	37.6	38.3	39.0	39.7	39.9	40.2	40.4	40.5	40.5	40.[illegible]	40.7	40.7	40.7	40.7	40.7	40.7
[illegible]	33.6	34.4	37.3	39.2	39.8	40.5	41.3	41.4	41.7	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
24.5	34.9	37.1	40.1	42.1	42.7	43.4	44.2	44.7	44.5	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
24.9	35.9	38.7	41.4	43.5	44.3	45.1	45.9	46.0	46.4	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
27.3	37.1	41.4	44.7	46.9	47.9	49.2	50.1	50.2	50.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
[illegible]	40.2	42.6	45.6	48.1	49.1	50.3	51.4	51.7	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
1.1	44.2	46.7	50.4	53.0	54.1	55.4	56.5	56.7	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
35.1	46.5	49.7	53.3	56.2	57.3	58.7	59.8	60.3	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
35.7	49.7	52.6	56.7	59.6	61.7	62.1	63.2	63.7	64.5	64.7	64.8	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
37.[illegible]	52.1	55.	58.2	62.9	63.1	64.7	65.6	66.2	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
[illegible]	54.5	57.5	62.3	65.1	66.2	67.8	68.9	69.3	70.1	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
40.9	58.6	62.1	67.2	70.5	71.7	73.3	74.4	74.9	75.6	76.	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
40.3	61.3	65.1	70.4	73.7	75.1	76.7	77.3	78.3	79.0	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
42.7	62.5	66.5	72.2	75.5	76.8	78.5	79.0	80.0	80.5	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
43.0	64.2	68.5	74.4	77.8	79.1	80.3	81.9	82.3	83.2	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
43.2	65.1	70.0	76.5	79.9	81.2	82.9	84.0	84.4	85.3	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
43.4	66.1	71.0	78.0	81.5	83.0	84.5	85.0	85.4	87.4	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
43.4	66.1	71.3	78.1	82.1	83.9	85.8	87.3	87.7	88.7	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
43.4	66.1	71.5	78.1	82.3	85.4	87.5	89.0	90.2	91.2	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
43.4	66.1	71.5	79.1	83.4	85.5	88.1	91.5	92.3	93.3	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
43.4	66.1	71.5	79.1	83.4	85.5	88.3	92.6	93.7	95.1	95.2	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
43.4	66.1	71.5	79.1	83.4	85.5	88.3	92.6	93.7	95.7	96.6	96.9	97.2	97.2	97.8	98.0	98.0	98.0	98.0	98.0
43.4	66.1	71.5	79.1	83.4	85.5	88.3	92.6	93.7	95.7	96.7	97.4	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5

NUMBER OF OBSERVATIONS

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] NORTON AFB, CA [illegible]

[illegible]	15.7	16.7	16.2	18.4	18.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	26.6	27.7	29.3	31.7	31.2	30.1	33.6	33.1	33.2	33.[illegible]	33.2	33.3	33.4	33.4	33.[illegible]	[illegible]	[illegible]
[illegible]	25.7	27.3	29.1	31.8	31.4	32.2	33.1	33.2	33.3	33.2	33.3	33.3	33.4	33.[illegible]	33.5	33.7	33.7
[illegible]	25.7	27.7	29.1	30.8	31.4	32.2	33.1	33.2	33.3	33.[illegible]	33.7	33.7	33.4	33.[illegible]	33.5	33.5	33.7
[illegible]	26.2	28.4	30.4	32.1	32.7	33.6	34.5	34.[illegible]	34.7	34.7	34.[illegible]	34.5	34.5	34.5	34.9	35.2	
[illegible]	26.6	3[illegible].1	32.6	34.3	34.9	35.6	36.7	36.8	36.7	36.5	36.[illegible]	37.[illegible]	37.1	37.1	37.2		
[illegible]	30.6	32.6	35.3	36.9	37.8	38.8	39.8	39.8	39.9	40.[illegible]	40.2	40.[illegible]	[illegible].1	40.2	40.2	40.4	
[illegible]	31.4	33.2	35.6	37.5	38.5	39.4	40.5	41.4	40.7	40.[illegible]	4[illegible].7	[illegible].7	41.[illegible]	41.2	41.2		
[illegible]	31.4	33.2	35.8	37.5	38.3	39.4	40.5	41.6	40.7	40.7	4[illegible].7	[illegible].7	41.[illegible]	41.2	41.7		
[illegible]	31.4	33.3	36.5	37.7	38.6	39.6	40.7	40.2	41.[illegible]	41.[illegible]	41.[illegible]	41.1	41.2	41.2	41.4		
[illegible]	31.8	33.7	36.5	38.2	39.1	40.2	41.4	41.6	41.7	41.7	41.7	41.8	41.[illegible]	41.2	42.[illegible]		
[illegible]	34.1	36.[illegible]	38.1	41.2	41.8	42.9	44.2	44.5	44.6	44.6	44.6	44.7	44.[illegible]	44.9	45.[illegible]		
[illegible]	35.7	37.7	4[illegible].7	42.9	43.8	44.9	46.2	47.5	46.7	46.7	46.7	46.8	46.[illegible]	46.9	47.1		
[illegible]	36.[illegible]	38.9	42.1	44.4	45.2	46.5	46.[illegible]	48.3	48.4	49.4	49.4	49.5	48.6	48.5	49.[illegible]		
[illegible]	38.9	41.1	44.5	46.8	47.9	49.4	50.6	51.2	51.3	51.3	51.3	51.5	51.6	51.4	51.8		
[illegible]	41.6	44.[illegible]	49.2	50.6	[illegible].9	53.7	55.1	55.4	55.6	55.5	55.6	55.8	55.9	55.9	56.1		
[illegible]	43.2	47.3	51.6	54.2	55.3	57.1	58.8	59.4	59.5	59.5	59.5	59.7	59.8	59.8	[illegible]		
[illegible]	49.7	52.[illegible]	56.5	57.7	60.7	62.8	64.6	65.2	65.3	65.7	65.3	65.5	65.6	65.5	65.[illegible]		
39.4	51.5	54.2	58.6	61.6	63.[illegible]	65.2	67.[illegible]	67.5	67.7	67.7	67.7	67.9	68.[illegible]	68.2	68.2		
[illegible]	54.4	57.1	61.7	64.5	66.[illegible]	68.2	71.2	71.2	71.2	71.2	71.2	71.4	71.5	71.5	71.7		
[illegible]	59.9	63.9	67.7	71.2	72.6	74.8	76.6	77.8	78.[illegible]	78.[illegible]	78.[illegible]	79.2	79.7	79.7	79.[illegible]		
[illegible]	62.1	65.4	73.5	74.9	75.7	77.9	80.[illegible]	81.1	81.3	81.4	81.4	81.6	81.7	81.7	81.[illegible]		
41.1	63.6	67.[illegible]	72.2	75.9	77.5	79.7	81.5	82.9	83.1	83.[illegible]	83.2	83.5	83.5	83.6	[illegible]		
41.4	65.1	69.7	73.8	76.1	[illegible]	82.1	84.2	85.3	85.5	85.7	85.7	85.9	86.[illegible]	86.9	86.2		
41.8	65.9	69.9	75.6	[illegible]	[illegible]	84.1	86.4	87.5	87.7	87.8	87.8	88.1	88.[illegible]	88.2	88.4		
41.6	66.6	71.9	76.6	81.3	[illegible]	86.5	88.8	89.9	90.1	9[illegible].7	9[illegible].3	9[illegible].5	90.[illegible]	90.5	[illegible]		
41.5	6[illegible].8	71.2	77.3	82.4	85.5	88.4	90.6	91.9	92.1	92.7	92.3	92.6	92.7	92.7	92.[illegible]		
41.[illegible]	66.5	71.2	77.4	82.7	86.[illegible]	89.2	91.9	93.2	93.3	93.[illegible]	93.5	93.8	93.[illegible]	93.9	94.1		
41.3	66.8	71.2	77.4	82.7	86.[illegible]	89.2	92.2	94.2	94.5	94.7	94.7	95.1	95.2	95.2	[illegible]		
41.[illegible]	66.8	71.2	77.4	82.7	86.[illegible]	89.2	92.3	94.6	95.4	95.8	95.6	96.2	96.4	96.4	96.[illegible]		
41.[illegible]	66.5	71.2	77.4	82.7	86.[illegible]	89.2	92.3	94.6	95.8	96.[illegible]	96.6	97.1	97.4	97.4	98.[illegible]		
41.[illegible]	66.[illegible]	71.2	77.4	82.7	86.[illegible]	89.2	92.3	94.6	95.9	96.7	95.6	97.5	97.[illegible]	99.[illegible]	100.[illegible]		

2

CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

BRIZE NORTON RAF UK 73-77

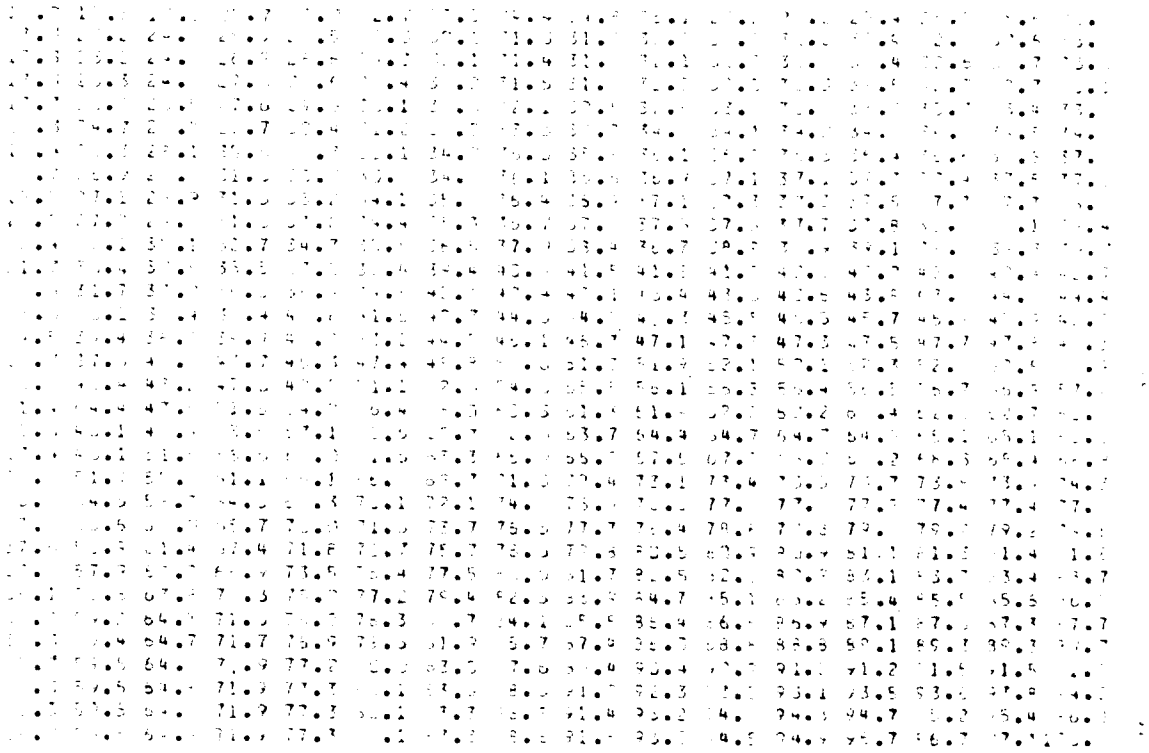
CEILING VERSUS VISIBILITY

[illegible]	19.7	[illegible]	21.7	22.8	23.4	24.0	26.4	27.1	27.1	27.4	27.4	27.7	27.9	[illegible]	[illegible]
[illegible]	23.7	24.7	26.7	[illegible]	[illegible]	29.5	32.5	33.1	33.2	33.4	33.4	33.7	33.9	34.0	34.0
[illegible]	23.7	24.2	26.7	[illegible]	[illegible]	29.8	32.5	33.1	33.2	33.4	33.4	33.7	33.9	34.0	34.5
[illegible]	24.0	25.7	27.2	28.4	29.2	30.7	32.9	33.5	33.7	34.	33.9	34.1	34.1	34.6	35.
[illegible]	24.5	25.1	27.5	28.9	29.5	30.7	33.5	34.7	34.1	34.7	34.5	34.6	34.4	35.1	35.4
[illegible]	[illegible]	27.	28.7	30.1	30.7	31.9	34.5	35.7	35.7	35.5	35.5	35.7	36.	36.7	36.1
[illegible]	27.4	27.0	30.1	33.3	33.1	34.4	37.0	37.5	37.9	37.1	37.1	37.4	38.5	38.9	39.2
21.4	26.1	28.7	31.6	33.1	33.7	35.3	36.0	37.7	38.6	39.	39.1	39.7	39.5	39.8	40.1
21.4	28.0	30.1	32.0	33.7	34.4	35.0	38.7	39.3	39.5	39.7	39.7	39.9	40.1	40.4	40.5
21.7	28.7	30.6	31.6	34.3	35.1	36.5	39.3	40.	40.1	40.7	40.3	40.5	40.9	41.1	41.4
[illegible]	29.4	31.4	33.6	35.6	36.4	37.0	40.5	41.4	41.5	41.7	41.7	41.	42.1	42.5	42.5
[illegible]	31.4	33.4	36.0	38.1	39.7	40.5	43.4	44.	44.2	44.4	44.4	44.6	44.5	45.1	45.5
[illegible]	32.0	34.0	37.0	39.7	41.1	42.0	44.5	45.0	45.5	45.5	45.5	45.7	46.0	46.5	46.5
[illegible]	33.7	36.	38.6	41.7	41.9	43.7	46.7	47.1	47.4	47.7	47.7	47.9	48.1	48.4	48.7
[illegible]	35.1	37.7	40.1	42.7	43.7	45.6	46.6	47.7	49.4	49.6	49.6	49.8	50.1	50.4	50.7
[illegible]	36.4	40.7	43.9	45.8	47.6	49.7	52.5	53.4	53.6	53.6	53.6	54.0	54.0	54.5	54.7
[illegible]	41.0	43.	47.0	50.4	51.6	53.5	56.5	57.6	57.5	58.1	58.1	58.4	58.6	58.7	59.
[illegible]	42.5	43.9	53.1	56.7	58.1	60.3	63.7	64.7	64.9	65.0	65.2	65.5	65.7	66.1	66.7
43.2	48.5	50.4	55.1	59.8	61.3	62.5	65.3	67.1	67.3	67.7	67.7	67.9	68.1	68.4	68.7
34.1	49.5	52.7	57.0	61.1	62.6	64.9	68.7	69.5	69.7	70.1	70.1	70.3	70.5	70.8	71.1
[illegible]	51.1	55.1	60.7	65.2	67.0	69.5	73.6	74.3	74.5	74.7	74.9	75.1	75.3	75.6	[illegible]
[illegible]	53.6	57.7	63.5	68.4	70.4	73.2	77.5	78.5	78.7	79.0	79.0	79.2	79.5	79.8	[illegible]
37.4	55.5	59.7	65.6	70.7	72.8	75.5	80.0	81.1	81.4	81.7	81.7	82.0	82.2	82.5	[illegible]
37.5	56.5	60.9	67.2	72.6	74.9	77.5	82.2	83.4	85.7	84.0	84.0	84.3	84.5	84.8	85.2
37.7	57.4	61.7	68.4	73.9	75.3	79.2	83.6	85.	85.4	85.7	85.7	85.9	86.1	86.4	86.9
37.8	57.9	62.4	69.3	74.8	77.3	87.2	84.9	85.1	85.4	86.0	86.8	87.0	87.0	87.5	[illegible]
[illegible]	58.7	63.2	70.3	76.0	78.6	81.5	85.6	89.1	88.5	89.0	89.0	89.2	89.4	89.7	[illegible]
38.3	59.	63.9	71.1	76.8	79.6	82.8	88.3	90.1	90.7	91.0	91.	91.4	91.6	91.9	[illegible]
38.3	59.	64.	71.5	77.4	80.2	83.9	90.4	92.1	92.9	93.0	93.2	93.6	93.8	94.1	94.5
38.3	59.0	64.	71.5	77.5	80.3	84.2	91.0	92.9	93.3	94.4	94.5	94.9	95.1	95.4	[illegible]
38.5	59.7	64.7	71.5	77.5	[illegible]	84.2	91.1	97.1	94.3	95.	95.3	95.6	95.0	95.7	97.4
38.8	[illegible]	64.7	71.5	77.5	80.3	84.2	91.1	93.7	94.5	95.2	95.5	96.1	96.4	97.2	[illegible]

[illegible]	[illegible]	19.7	22.4	24.7	24.7	25.4	27.5	29.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	23.7	26.4	28.5	29.3	31.7	[illegible]	32.7	33.1	33.1	33.1	33.1	33.1	33.1	34.1	34.1	34.1	34.1	[illegible]
[illegible]	[illegible]	23.7	25.4	27.5	28.4	29.4	30.3	32.4	33.1	33.4	33.7	33.7	33.7	33.7	34.1	34.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	23.7	[illegible]	[illegible]	29.7	29.7	30.7	[illegible]	32.7	33.7	34.1	34.1	34.1	34.1	34.4	34.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.7	28.7	29.7	29.7	30.7	32.7	32.7	33.4	33.4	34.7	34.7	34.7	34.7	34.7	34.7	[illegible]	[illegible]	[illegible]
[illegible]	23.1	24.7	27.5	[illegible]	[illegible]	31.9	34.1	34.5	34.5	34.7	35.1	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.7
[illegible]	[illegible]	27.7	28.6	31.1	[illegible]	33.1	34.7	35.7	35.7	36.1	[illegible]	36.1	36.4	36.4	36.4	36.4	36.4	36.4	37.4
[illegible]	[illegible]	25.7	29.9	31.4	32.1	[illegible]	33.7	35.1	35.4	36.1	36.4	36.4	36.4	36.4	36.7	36.7	37.7	[illegible]	[illegible]
[illegible]	[illegible]	25.7	29.1	31.1	31.7	32.7	33.7	35.4	35.7	36.4	36.7	36.7	36.7	36.7	37.1	37.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.7	30.7	33.7	33.7	35.7	37.1	37.1	37.1	38.1	38.5	38.5	38.5	38.5	38.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	27.7	29.4	33.1	35.9	36.4	37.5	40.1	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	43.1
[illegible]	[illegible]	3[illegible]	34.4	37.9	37.9	39.9	41.5	42.2	42.3	43.1	43.1	43.1	43.4	43.4	44.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	31.9	35.4	36.2	36.5	4[illegible]	42.5	43.7	43.7	44.2	44.2	44.2	44.2	44.5	44.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	33.7	32.9	36.5	37.4	40.1	41.1	43.9	44.7	45.3	45.4	45.6	45.6	45.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	37.5	38.8	42.9	43.4	45.2	48.4	49.1	49.9	50.7	51.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	37.7	39.1	43.9	47.4	47.9	49.5	53.1	53.9	54.7	55.1	55.1	55.1	55.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	41.4	44.4	49.6	53.4	54.5	56.7	57.4	61.1	62.3	62.4	62.4	62.4	62.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	44.2	46.3	51.5	55.5	56.6	57.4	62.5	63.7	64.2	64.5	64.5	64.5	64.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	45.1	47.4	54.5	59.5	[illegible]	62.7	65.6	67.4	68.2	68.7	69.7	69.7	69.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	57.7	[illegible]	64.2	65.3	67.7	71.5	72.7	73.1	73.7	73.5	73.5	73.5	73.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	55.7	61.6	66.9	68.1	72.6	74.5	75.7	76.2	76.6	76.6	76.6	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	58.7	62.1	67.8	69.5	71.6	75.7	76.5	77.4	77.8	77.8	77.8	77.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	54.5	57.7	64.1	69.8	71.7	73.6	77.6	79.5	79.5	81.2	82.2	82.2	83.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	56.3	59.5	65.3	71.7	73.5	75.9	81.5	81.5	82.5	83.7	83.7	83.7	83.7	83.7	84.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	56.2	61.4	67.5	73.5	74.6	77.5	82.1	83.4	84.5	85.1	85.1	85.1	85.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.1	61.7	[illegible]	74.9	76.2	79.3	84.2	85.6	85.6	87.1	87.2	87.2	87.2	87.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.2	61.5	68.4	75.3	76.6	79.9	85.3	87.7	88.3	88.5	88.6	88.6	89.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.2	61.5	68.7	75.8	77.2	81.9	86.4	88.6	89.7	90.3	90.4	90.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.2	61.5	68.7	75.9	77.4	[illegible]	88.2	[illegible]	91.6	92.4	92.7	[illegible]	93.4	[illegible]	93.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.7	61.7	[illegible]	75.9	77.5	81.3	88.2	91.3	92.4	93.1	93.2	93.4	[illegible]	[illegible]	94.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.7	61.7	[illegible]	75.9	77.5	81.3	88.2	91.7	92.4	93.2	93.3	93.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

[illegible]

[illegible]

[illegible]

[illegible]

PSYCHROMETRIC SUMMARIES

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Continued on Reverse

[illegible] **Monthly percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.** [illegible] is derived from hourly observations and is presented by month and annual, all hours and [illegible]. The following information is provided:

[illegible] of the summary consists of a bivariate percentage frequency distribution of wet-bulb [illegible] spread horizontally; by 2-degree intervals of dry-bulb temperature spread [illegible] the dry-bulb intervals is the percentage of observations with [illegible] temperature [illegible] and again for dry-bulb, wet-bulb, and dew-point temperatures separately. [illegible] information for these four items is also provided in two lines at end of [illegible], which may be continued on several pages.

[illegible] percentage frequency [illegible] represents one or more occurrences amounting to [illegible] percent.

[illegible] the [illegible] amounts of relative humidity, dry-bulb, wet-bulb, and dew-point temperature [illegible] in the [illegible] at the left of the [illegible]. These consist of the [illegible], mean [illegible], and standard deviations (sd). The number of observations [illegible] element [illegible] shown.

[illegible] of occurrence for six ranges of [illegible], and dew-point temperature, and [illegible] in the period [illegible] and indicates mean number of hours per year [illegible] in the [illegible] month.

[illegible] during these periods. All values of dew-point temperature and [illegible] with respect to water, where [illegible] indicated.

Dew-point temperature relations - These relations are derived from hourly observations and present the [illegible] and total number of observations for the eight standard 3-hour periods, by month [illegible] at the bottom for all hours combined. Records for all years combined are presented [illegible] tables, DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

Relative humidity percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and provides the cumulative percentage frequency of occurrence of relative humidity by increments of 1 % values, plus the mean relative humidity and total number of observations in two tables.

[illegible] prepared by month, annual, all years combined, with month being the vertical argument.

[illegible] prepared [illegible] standard 3-hour periods, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC
[illegible] SPITZ NORTON AFB UK

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

[illegible]	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]						[illegible]	1.1						[illegible]
[illegible]						[illegible]	[illegible]	1.1					[illegible]
[illegible]						4.5	[illegible]	5.3	[illegible]				[illegible]
75					4.1	13.1	15.2	17.6	[illegible]				[illegible]
7[illegible]				.4	13.[illegible]	24.5	46.2	[illegible]	13.5	1.4			1[illegible].7
65				[illegible]	22.5	47.7	74.3	73.3	[illegible]	[illegible]			[illegible]
[illegible]			1.[illegible]	13.6	45.4	85.4	96.5	95.7	77.3	71.7	[illegible]		[illegible]
[illegible]	[illegible]	[illegible].3	11.[illegible]	42.2	76.1	97.[illegible]	[illegible]	100.0	[illegible].5	63.6	[illegible]	6.5	[illegible]
[illegible]	1[illegible]	77.1	47.8	76.4	96.3	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	56.4	75.0	94.2	99.5				[illegible]	[illegible]	77.4	53.2	[illegible]
4	[illegible]	76.1	95.[illegible]	99.6	100.0					[illegible]	[illegible]	7[illegible].8	[illegible].7
[illegible]	[illegible]	92.7	99.1	[illegible]							[illegible]	92.9	[illegible]
[illegible]	[illegible]	100.0	100.0								[illegible]	99.1	[illegible]
[illegible]	[illegible]											[illegible]	[illegible]
MEAN	[illegible].4	44.[illegible]	46.[illegible]	[illegible]	59.[illegible]	65.[illegible]	[illegible]	63.[illegible]	[illegible]	56.[illegible]	49.[illegible]	44.5	[illegible]
[illegible]	[illegible]	6.34	5.25	5.779	7.277	7.145	6.367	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC [illegible] (OL A) [illegible]

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
[illegible]													
[illegible]						2.[illegible]	5.6	[illegible]	1.[illegible]				[illegible]
[illegible]					.5	15.6	41.7	37.4	15.2	1.3	[illegible]		[illegible]
[illegible]			1.[illegible]	[illegible].2	14.7	50.3	35.0	74.9	51.9	[illegible]	[illegible]	2.[illegible]	[illegible]
4[illegible]	6.5	[illegible]	7.[illegible]	16.[illegible]	53.5	86.9	98.4	95.2	77.8	43.3	22.[illegible]	15.7	47.[illegible]
[illegible]	22.[illegible]	23.6	25.[illegible]	44.9	74.3	97.[illegible]	1[illegible]	1[illegible]	96.[illegible]	74.7	4[illegible].7	35.5	[illegible]
[illegible]	47.	47.2	51.[illegible]	75.7	[illegible].2	1[illegible]			100.0	[illegible]	6[illegible].5	54.5	77.7
[illegible]	57.	61.5	74.6	85.3	95.9					87.7	77.7	63.8	[illegible]
[illegible]	75.0	[illegible]	91.2	97.3	1[illegible]					99.1	91.[illegible]	82.6	[illegible]
[illegible]	[illegible]	95.4	98.[illegible]	100.0						1[illegible]	97.7	92.8	[illegible]
[illegible]	97.5	96.2	1[illegible]								100.0	98.7	99.[illegible]
1[illegible]	[illegible].5	100.[illegible]										99.1	99.7
[illegible]	[illegible]											99.5	1[illegible]
[illegible]												100.0	1[illegible]
[illegible]	34.[illegible]	34.5	35.3	38.9	43.5	4[illegible].5	53.3	52.4	49.1	43.4	38.5	35.6	[illegible]
[illegible]	5.[illegible]	5.[illegible]54	5.577	5.273	5.52[illegible]	4.819	4.943	4.907	5.371	5.853	7.177	7.86[illegible]	[illegible]
[illegible]	[illegible]	21[illegible]	22[illegible]	325	21[illegible]	199	177	197	198	217	221	22[illegible]	[illegible]

USAFETAC [illegible] (OL A) [illegible]

DAILY TEMPERATURES

[illegible] CLIMATOLOGY BRANCH
[illegible] FLTAC
[illegible] WEATHER SERVICE/MAC
[illegible] WASHINGTON [illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

[illegible]	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75						.[illegible]	1.6	.5					.[illegible]
7[illegible]						3.[illegible]	4.3	2.7					.[illegible]
65					.[illegible]	11.1	1[illegible].3	1[illegible].8	2.[illegible]				.[illegible]
[illegible]				.4	10.5	32.7	67.4	55.1	3[illegible].5	1.8			1[illegible]
60			.[illegible]	7.6	31.7	73.9	97.3	97.9	6[illegible].7	1[illegible].3	3.5		7[illegible]
	1.[illegible]	2.5	7.5	2[illegible].4	65.3	95.5	1[illegible]	1[illegible]	96.5	51.6	2[illegible]	11.1	4[illegible].7
4[illegible]	2[illegible]	2.[illegible]	34.[illegible]	[illegible]	8[illegible]	1[illegible]			1[illegible]	8[illegible]	4[illegible].3	2[illegible].9	[illegible]
[illegible]	[illegible]	54.6	74.1	97.[illegible]	99.1					96.2	75.1	55.7	[illegible]
7	77.[illegible]	92.1	96.7	99.[illegible]	1[illegible]					1[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	97.[illegible]	1[illegible]	1[illegible]							99.6	[illegible]	[illegible]
85	95.5	1[illegible]									1[illegible]	[illegible]	99.[illegible]
[illegible]	1[illegible]												[illegible]
[illegible]												99.6	1[illegible]
[illegible]												1[illegible]	1[illegible]
[illegible]	1.[illegible]	1.7	42.0	4[illegible].4	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.011	.011	.534	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	31	[illegible]	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC [illegible] OL A[illegible]

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

[illegible]

[illegible] STATE NORTON RAF [illegible] 73-[illegible]

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTH	
73	*	61*	63*	65*	62*	73*	73*	73*	62*	73*	67*	57*	62	*	73
74	*	65*	63*	67*	64*	66*	77*	69*	71*	69*	57*	53*	65	*	77
75	*	73*	61*	61*	65*	62*	73*	82*	84*	65*	61*	57*	62	*	87
76	*	63*	57*	65*	64*	77*	91*	82*	82*	71*	64*	63*	64	*	91
77	*	48*	51*	62*	61*	73*	73*	79*	77*	71*	63*	61*	57	*	79
78	*	45*	54*	62*	61*	79*	77*	77*	75*	72*	73*	63*	64	*	79
79	*	46*	48*	54*	65*	75*	79*	84*	77*	72*	68*	59*	57	*	84
[illegible]	*	52*	55*	54*	68*	79*	73		*	63*	63*	57*	[illegible]		
[illegible]	*	54*	54*	59*	73*	73*	73*	79*	81*	75*	63*	59*		*	1
[illegible]	*	53*	55*	61*	62*	75*	83*	82*	79*	61*	61*	61*	*	*	17
MEAN															
S.D.															
TOTAL OBS	[illegible]	218	224	225	218	199	187	187	198	217	221	[illegible]			2503

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM AM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

MONTHLY TEMPERATURE

STATION: DITE NORTON RAF UK — STATION NAME

73-82 — YEAR

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
73	*	18*	19*	26*	33*	33*	37*	41*	45*	41*	29*	24*	17*	*	17
74	*	21*	23*	26*	33*	33*	43*	46*	44*	37*	32*	33*	22*	*	21
75	*	26*	28*	31*	33*	37*	39*	45*	55*	37*	35*	26*	24*	*	24
76	*	24*	26*	24*	28*	39*	42*	50*	44*	39*	35*	24*	17*	*	17
77	*	21*	24*	25*	28*	32*	37*	43*	45*	41*	30*	23*	15*	*	15
78	*	21*	19*	27*	25*	37*	41*	45*	43*	41*	37*	23*	21*	*	19
79	*	11*	21*	23*	27*	32*	41*	43*	41*	35*	34*	23*	25*	*	17
80	*	21*	27*	21*	30*	30*	39		*	43*	32*	20*	21*		
81	*	23*	18*	34*	30*	32*	41*	45*	46*	41*	28*	23*	-2*	*	-2
82	*	15*	25*	27*	33*	32*	40*	47*	41*	40*	34*	22*	25	*	22
MEAN															
S.D.															
TOTAL OBS	10	218	228	228	218	199	187	187	198	217	21	27	2173		

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-5 (OLA)

* (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JAN

PAGE 1 0000-0200

	WET BULB TEMPERATURE DEPRESSION F					TOTAL		TOTAL	
54/ 53		.2	.1			3	3		
52/ 51	.1	1.1	.6			16	16	4	3
50/ 49	.5	2.7	1.0	.2	.1	40	40	22	11
48/ 47	1.2	4.2	2.0	.1	.2	67	67	45	24
46/ 45	1.5	5.7	1.1	.1		74	74	75	60
44/ 43	1.4	5.0	.9	.2		66	66	77	50
42/ 41	1.8	5.8	1.9	.2		86	86	64	87
40/ 39	1.2	4.5	.9			59	59	65	66
38/ 37	3.7	6.2	.7	.1		95	95	100	72
36/ 35	1.9	7.8	.9			94	94	88	72
34/ 33	3.8	5.4	.3			85	85	111	101
32/ 31	1.8	5.0				60	60	77	102
30/ 29	2.8	2.0	.3			46	46	54	75
28/ 27	2.5	1.7	.1			38	38	34	60
26/ 25	2.1	.2				21	21	32	30
24/ 23	.9	.8				15	15	13	28
22/ 21		.3				3	3	5	12
20/ 19	.2	.2				4	4	4	6
18/ 17	.3	.1				4	4	6	8
16/ 15									5
14/ 13	.3	.1				4	4	4	3
12/ 11	.1					1	1	1	3
10/ 9	.1					1	1	1	2
6/ 5									1
2/ 1	.2					2	2	2	
0/ -1									1
-2/ -3									1
TOTAL	28.5	59.2	11.0	1.0	.3		884		884
						884		894	

	Σx²	Σx	x̄	σx	N OBS			
	7064794	78674	89.0	8.446	884			
	1321817	33511	37.9	7.635	884		20.9	93
	1235624	32420	36.7	7.268	884		24.5	93
	1127022	30834	34.9	7.639	884	.2	35.6	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JAN

PAGE 1 0300-0500

	WET BULB TEMPERATURE DEPRESSION F							
54/ 53		.3	.2	.1	6	6		
52/ 51		1.2	.6		16	16	4	3
50/ 49		1.2	.6		16	16	17	3
48/ 47	.6	4.2	2.0		60	60	37	20
46/ 45	1.4	6.0	1.5	.2	80	80	75	41
44/ 43	1.0	5.2	1.0	.5	68	68	72	60
42/ 41	1.5	7.9	2.4	.1	105	106	65	108
40/ 39	1.2	4.5	.1		52	52	70	65
38/ 37	3.8	5.1	.7		85	85	96	57
36/ 35	1.4	7.1	.9		83	83	78	72
34/ 33	3.6	6.4	.6		94	94	122	89
32/ 31	2.4	4.7	.2		65	65	86	90
30/ 29	2.0	2.1	.2		39	39	40	101
28/ 27	3.2	1.9	.1		46	46	40	60
26/ 25	2.3	.5	.2		26	26	34	36
24/ 23	1.6	.5			18	18	17	38
22/ 21	.3	.1			4	4	8	8
20/ 19	.3	.2			5	5	3	2
18/ 17	.1	.5			5	5	7	8
16/ 15	.3	.5			7	7	7	7
14/ 13		.1			1	1	1	5
12/ 11	.1				1	1	1	7
10/ 9								1
8/ 7	.1				1	1	1	1
6/ 5								1
4/ 3	.1				1	1	1	
2/ 1								1
-4/ -5	.1				1	1	1	
-8/ -9								1
TOTAL	27.5	60.3	11.3	.9		986		865
					885		895	

	7066425.	78747.	89.0	8.207.	885			
	1291428.	33112.	37.4	7.848.	886	.1.	23.1.	93
	1206133.	32305.	36.2	7.423.	885	.1.	25.2.	93
	1097685.	30401.	34.4	7.770.	885	.1.	38.6.	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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036490    BRIZE NORTON RAF UK                    73-82                                    JAN

                                                                              PAGE 1    0600-0800

                             WET BULB TEMPERATURE DEPRESSION F                       TOTAL        TOTAL

 54/ 53        .3   .2                                                            5     5
 52/ 51        .6   .8                                                           12    12     3     2
 50/ 49       1.1   .7                                                           16    16    13     1
 48/ 47   .6  3.8  1.5                                                           52    52    34    14
 46/ 45  1.2  6.7  1.5                                                           83    83    67    37
 44/ 43  1.2  4.6  1.5    .1                                                     66    66    76    68
 42/ 41  1.8  7.6  2.7                                                          107   107    68   101
 40/ 39  1.4  2.6   .2                                                           39    39    70    62
 38/ 37  3.9  5.1   .7                                                           86    86    90    69
 36/ 35  2.5  6.4   .8                                                           86    86    84    64
 34/ 33  3.8  7.1   .7                                                          103   103   106    93
 32/ 31  2.4  5.0   .1                                                           66    66    93    66
 30/ 29  1.8  4.3                                                                54    54    61   101
 28/ 27  3.9  1.1   .2                                                           47    47    42    76
 26/ 25   .7   .7   .1                                                           13    13    20    34
 24/ 23  1.4   .6                                                                17    17    17    20
 22/ 21   .9   .1                                                                 9     9    12    12
 20/ 19   .5                                                                      4     4     5    12
 18/ 17   .3   .7                                                                 9     9     9     7
 16/ 15   .6   .2                                                                 7     7     7     7
 14/ 13   .2                                                                      2     2     2    10
 12/ 11   .2                                                                      2     2     2     7
 10/  9                                                                                             2
  4/  3   .1                                                                      1     1     1
  2/  1                                                                                             1
 -4/ -5   .1                                                                      1     1     1
 -8/ -9                                                                                             1
TOTAL   29.558.711.6  .1                                                              887         887
                                                                                887         887

            Σx²            Σx       x̄      σx        N OBS
          7098458        79006    89.1   8.319        887
          1270223        32847    37.0   7.796        887         .1   24.3                          93
          1188640        31800    35.9   7.404        887         .1   27.5                          93
          1080756        30192    34.0   7.739        887         .1   39.4                          93
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC                                                                PSYCHROMETRIC SUMMARY
AIR WEATHER SERVICE/MAC

036490     BRIZE NORTON RAF UK                 73-82                                       JAN

                                                                           PAGE 1    0900-1100
------------------------------------------------------------------------------------------------
                                  WET BULB TEMPERATURE DEPRESSION F

 54/ 53          .1   .7                                                   7     7
 52/ 51          .5  1.1   .1                                             15    15     1
 50/ 49         1.5  1.7   .3   .1                                        32    32    12     3
 48/ 47     .3  4.0  1.9   .1                                             56    56    45    11
 46/ 45    1.0  7.4  2.6   .6                                            102   102    72    39
 44/ 43     .7  4.8  1.7   .7                                             69    69    89    75
 42/ 41    1.9  8.2  2.4   .2                                            112   112    83   111
 40/ 39    1.1  4.3  1.3                                                  59    59    90    63
 38/ 37    2.5  5.3  1.5   .1                                             82    82    80    63
 36/ 35    1.7  7.6   .9                                                  89    89    90    64
 34/ 33    3.7  5.5   .5                                                  84    85   130    95
 32/ 31    1.3  3.7   .2                                                  45    45    60    65
 30/ 29    1.0  3.4   .5                                                  43    43    42    80
 28/ 27    2.5  1.1                                                       32    32    34    72
 26/ 25    1.1   .7   .1                                                  17    17    21    13
 24/ 23     .7   .3                                                        9     9    11    24
 22/ 21     .3   .2                                                        5     5     6    11
 20/ 19     .2   .3                                                        5     5     4    10
 18/ 17     .2   .2                                                        4     4     7     5
 16/ 15     .3   .2                                                        5     5     5     5
 14/ 13     .1                                                             1     1     1     9
 12/ 11                                                                                      3
 10/  9          .1                                                        1     1
  6/  5                                                                                      1
TOTAL     20.959.617.2 2.2   .1                                                875         874
                                                                         874         874

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                 6646453     75781  86.7  9.317      874
                 1345935     33711  38.5  7.345      875          17.7                      93
                 1237755     32339  37.0  6.868      874          20.4                      93
                 11031.0     30410  34.8  7.161      874          34.9                      93
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
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PSYCHROMETRIC SUMMARY

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038490    BRIZE NORTON RAF UK                    73-82                                        JAN

                                                                                  PAGE 1    1200-1400
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                                      WET BULB TEMPERATURE DEPRESSION F

 56/ 55               .1   .3   .1                                             5    5
 54/ 53           .2  .7   .3                                                 11   11
 52/ 51           .8 2.0   .9                                                 33   33    3
 50/ 49      .1  2.5 2.5   .6   .1                                            51   51   24    6
 48/ 47      .5  3.6 5.6  1.5  1.2                                           109  109   60   19
 46/ 45      .2  5.9 5.9  1.8   .3                                           125  125  112   52
 44/ 43      .7  5.4 3.1  1.8   .1                                            98   98   91   58
 42/ 41     1.0  5.8 3.2   .2         .1                                      91   91  110  139
 40/ 39     1.3  3.7 2.3  1.0   .1    .1                                      73   73   94   73
 38/ 37     1.5  5.7 2.5   .2                                                 87   87   84  100
 36/ 35      .6  4.4 1.2   .1                                                 56   56   92   68
 34/ 33     1.2  3.7 1.1                                                      54   54   80   95
 32/ 31     1.0  1.7  .6                                                      29   29   57   60
 30/ 29     1.2   .9  .1   .1                                                 21   21   30   66
 28/ 27      .7  1.1                                                          16   16   15   59
 26/ 25     1.1   .3                                                          13   13   17   20
 24/ 23      .1   .3                                                           4    4    3   21
 22/ 21      .1   .1                                                           2    2    5    5
 20/ 19      .1                                                                1    1    1    7
 18/ 17      .1                                                                1    1    1    5
 16/ 15      .1                                                                1    1    1    3
 12/ 11                                                                                           1
 10/  9                                                                                           1
  8/  7                                                                                           1
TOTAL     11.346.430.9 9.0 2.0   .2                                                881       881
                                                                             881       881

-----------------------------------------------------------------------------------------------------
          5981433     71825  81.511.955      881
          1546624     36460  41.4 6.720      881          9.3                                  93
          1374844     34382  39.0 6.128      881         13.8                                  93
          1174459     31619  35.9 6.713      881         28.6                                  93
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC                                                      PSYCHROMETRIC SUMMARY
AIR WEATHER SERVICE/MAC

036490     BRIZE NORTON RAF UK                   73-82                                 JAN

                                                                          PAGE 1    1500-1700

 54/ 53        .1   .8   .3                                                 11    11
 52/ 51       1.2  2.0                                                      29    29     3     1
 50/ 49   .1  1.6  2.5   .5                                                 41    41    24     4
 48/ 47   .3  5.3  3.5   .6   .6                                            91    91    57    24
 46/ 45   .2  7.6  4.6  1.9   .1                                           128   128    85    42
 44/ 43   .3  6.0  3.7  1.8   .1                                           106   106   104    66
 42/ 41  1.4  6.3  4.0   .7   .1                                           110   110    93   126
 40/ 39   .3  4.3  1.8   .7        .1                                       64    64   113    78
 38/ 37  1.5  6.1  1.8   .2                                                 85    85    85    97
 36/ 35   .5  4.4  1.5        .1                                            57    57    67    55
 34/ 33  2.6  4.3   .9        .1                                            70    70   111   104
 32/ 31  1.1  2.5   .5                                                      36    36    50    82
 30/ 29   .5  1.8   .2                                                      22    22    30    64
 28/ 27  1.1   .7   .1                                                      17    17    22    70
 26/ 25   .3   .5                                                            7     7     6    25
 24/ 23   .2   .5                                                            6     6     7    13
 22/ 21                                                                                  3     6
 20/ 19                                                                                        5
 18/ 17   .1                                                                 1     1     1     2
 16/ 15   .1                                                                 1     1     1     1
 14/ 13   .1                                                                 1     1     1     3
 12/ 11   .2                                                                 2     2     2     1
 10/  9                                                                                        2
  8/  7                                                                                        2
TOTAL    11.153.127.9 6.7 1.1   .1                                                 885         885
                                                                           885         885


          6145965     73099  82.611.061     885
          1518812     36188  40.9  6.648    885          9.8                                93
          1360146     34264  38.7  6.162    885         12.9                                93
          1174101     31579  35.6  6.738    885         29.2                                93
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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036490     BRIZE NORTON RAF UK                 73-82                                                    JAN

                                                                                               PAGE 1   1800-2000
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                                  WET BULB TEMPERATURE DEPRESSION IN F                      TOTAL          TOTAL

 56/ 55                   .1                                                                 1     1
 52/ 51        1.4   .6   .1                                                                18    18
 50/ 49   .1   1.5  1.4   .2                                                                26    26    70     2
 48/ 47  1.2   5.0  1.6   .1                                                                70    70    40    28
 46/ 45   .7   7.3  1.6   .3                                                                88    88    83    36
 44/ 43  1.1   5.3  2.0   .7                                                                91    91    96    72
 42/ 41  1.8   9.7  4.6   .2                                                               145   145    63   104
 40/ 39   .5   4.7  1.4   .3                                                                61    61   102    57
 38/ 37  2.3   4.7  1.4                                                                     74    74   102    94
 36/ 35  1.4   5.9  1.0                                                                     73    73    84    69
 34/ 33  3.9   5.7   .8                                                                     93    93   170   104
 32/ 31  1.0   3.4   .3   .1                                                                43    43    64    51
 30/ 29   .5   3.9   .1                                                                     41    41    46    69
 28/ 27  2.4   1.6                                                                          35    35    32    71
 26/ 25  1.0    .6                                                                          14    14    19    29
 24/ 23   .5    .7                                                                          10    10     5    19
 22/ 21   .6    .1                                                                           6     6    11     5
 20/ 19                                                                                                  1    16
 18/ 17   .1                                                                                 1     1     1     2
 16/ 15                                                                                                        2
 14/ 13                                                                                                        1
 10/  9   .2                                                                                 2     2     2
  6/  5   .3                                                                                 3     3     3     0
  4/  3                                                                                                        2
  2/  1                                                                                                        1
TOTAL    19.661.416.7 2.3                                                                        887         887
                                                                                           887         887

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       6721536        76763  86.6  9.222       887
       1333915        34462  38.9  7.126       887           15.3                                        93
       1273643        33077  37.3  6.734       887           19.6                                        93
       1136561        31115  35.1  7.133       887           33.4                                        93
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GLOBAL CLIMATOLOGY BRANCH
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035490 BRIZE NORTON RAF UK 73-82 JAN

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WET BULB TEMPERATURE DEPRESSION F

						TOTAL		TOTAL	
54/ 53			.2		.1	3	3		
52/ 51	.1	1.0	.6	.1		16	16	1	1
50/ 49	.1	.8	1.1	.3		21	21	17	6
48/ 47	1.2	4.7	1.1	.3		66	66	73	20
46/ 45	.8	7.0	1.2			90	90	86	39
44/ 43	1.1	5.3	.7	.3		56	56	76	71
42/ 41	1.8	9.8	2.6	.3		129	129	66	101
40/ 39	.5	5.0	1.1	.1		62	62	80	58
38/ 37	2.4	5.4	1.2			89	89	93	83
36/ 35	1.9	5.1	.6			67	67	95	70
34/ 33	4.5	6.3	.2			98	98	122	103
32/ 31	1.4	3.4	.9			50	50	61	52
30/ 29	1.4	4.7	.2	.1		57	57	50	80
28/ 27	3.5	1.2	.1			44	44	42	62
26/ 25	.9	.7				14	14	23	28
24/ 23	.6	.6				10	10	10	19
22/ 21	.2	.2				4	4	7	12
20/ 19	.3	.1				4	4	6	12
18/ 17		.2				2	2	2	6
16/ 15									5
14/ 13									4
12/ 11	.1					1	1	1	
10/ 9									1
8/ 7	.1					1	1	1	
6/ 5	.1					1	1	1	
4/ 3	.1					1	1	1	2
2/ 1	.2					2	2	2	1
0/ -1									2
TOTAL	23.5	62.5	11.9	1.7	.1		868		988
						888		698	

	Σx²	Σx	x̄	σx	N OBS			
	6936494.	78094.	87.9	8.923.	888			
	1334534.	33798.	38.1	7.376.	888		20.0.	93
	1239537.	32565.	36.7	7.030.	888		22.7.	93
	1119868.	30824.	34.7	7.502	888	.2	35.2	93

GLOBAL CLIMATOLOGY BRANCH
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036490 BRIZE NORTON RAF UK 73-82 JAN

PAGE 1 ALL

	WET BULB TEMPERATURE DEPRESSION F						TOTAL		TOTAL	
56/ 55			.0	.1	.0		6	6		
54/ 53		.2	.4	.1	.0		46	46		
52/ 51	.0	1.0	1.0	.2			155	155	19	10
50/ 49	.1	1.6	1.4	.3	.0		245	245	149	36
48/ 47	.7	4.4	2.4	.3	.3		571	571	351	160
46/ 45	.9	6.7	2.5	.6	.1		760	760	657	346
44/ 43	.9	5.2	1.8	.8	.0		620	620	673	520
42/ 41	1.6	7.6	3.0	.3	.0	.0	885	886	612	877
40/ 39	.9	4.2	1.1	.3	.0	.0	469	469	674	524
38/ 37	2.7	5.6	1.3	.1			683	683	720	655
36/ 35	1.5	6.1	1.0	.0	.0		605	605	698	544
34/ 33	3.4	5.6	.6		.0		581	582	924	767
32/ 31	1.5	3.7	.4	.0			394	394	540	671
30/ 29	1.4	2.9	.2	.0			323	323	363	658
28/ 27	2.5	1.3	.1				275	275	262	570
26/ 25	1.2	.5	.1				125	125	172	221
24/ 23	.7	.5					89	89	56	182
22/ 21	.3	.2					33	33	57	71
20/ 19	.2	.1					23	23	24	71
18/ 17	.2	.2					27	27	34	44
16/ 15	.2	.1					21	21	21	35
14/ 13	.1	.0					9	9	9	35
12/ 11	.1						7	7	7	22
10/ 9	.0	.0					4	4	4	9
8/ 7	.0						2	2	2	4
6/ 5	.1						4	4	4	5
4/ 3	.0						3	3	3	4
2/ 1	.1						4	4	4	4
0/ -1										3
-2/ -3										1
-4/ -5	.0						2	2	2	
-6/ -9										2
TOTAL	21.5	57.7	17.3	3.0	.5	.0		7073		7071
							7071		7071	

	Σx^2	Σx	$\bar{x}$	σ_x	N			
	53663558	612006	86.6	9.904	7071			
	11015369	274089	38.8	7.464	7073	.2	141.5	744
	10116322	262872	37.2	6.973	7071	.2	167.7	744
	9013552	247074	34.9	7.334	7071	.6	274.8	744

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036490 BRIZE NORTON RAF UK 73-82 FEB

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	WET BULB TEMPERATURE DEPRESSION F			TOTAL		TOTAL	
52/ 51		.5	.1	5	5	1	
50/ 49	.1	3.4	.1	30	30	13	5
48/ 47	.4	4.0	.4	39	39	32	21
46/ 45	.5	6.6	.8	66	66	56	43
44/ 43	1.1	6.4	.8	69	69	60	50
42/ 41	4.3	8.3	.2	107	107	109	95
40/ 39	.8	5.4	.4	55	55	55	67
38/ 37	1.6	7.0	1.6	84	84	70	70
36/ 35	3.1	6.6	.6	86	86	87	72
34/ 33	3.6	6.9	.8	94	94	128	81
32/ 31	2.2	8.3	.2	89	89	78	93
30/ 29	.8	3.1		33	33	59	78
28/ 27	3.5	1.7		43	43	47	65
26/ 25	1.2	.4		13	13	16	46
24/ 23	.5	.7		10	10	10	24
22/ 21	.5			4	4	5	5
20/ 19		.1		1	1		6
18/ 17						1	6
14/ 13							1
TOTAL	24.3	69.6	6.2	828	828	828	829

	Σx^2	Σx	$\bar{x}$	σ_x	NO. OBS		
	6715902	74358	89.8	6.801	828		
	1210450	31208	37.7	6.430	828	19.6	64
	1140839	30297	36.6	6.245	828	22.0	64
	1046978	28946	35.0	6.694	828	32.9	64

GLOBAL CLIMATOLOGY BRANCH
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WET BULB TEMPERATURE DEPRESSION				TOTAL		TOTAL	
52/ 51		.1		1	1		
50/ 49		2.3	.4	22	22	14	
48/ 47	.2	3.5	.6	36	36	25	18
46/ 45	.1	6.5	.7	61	61	52	40
44/ 43	1.1	6.1	.8	67	67	61	41
42/ 41	3.4	10.7	.4	120	120	83	106
40/ 39	1.9	4.1	.8	57	57	85	84
38/ 37	1.9	5.0	1.3	69	69	55	55
36/ 35	2.0	4.7	.1	57	57	70	48
34/ 33	6.2	7.0	1.1	119	119	140	89
32/ 31	1.9	6.4	.4	72	72	80	78
30/ 29	2.0	5.2		60	60	70	97
28/ 27	4.9	1.8		56	56	58	89
26/ 25	1.0	.8		15	15	11	32
24/ 23	1.2	.4		13	13	17	33
22/ 21	.7			6	6	9	9
20/ 19	.1			1	1	1	7
18/ 17							6
TOTAL	28.8	64.5	6.6		832		832
				832		832	

	Σx	Σx	x̄	σx	N			
	6848480	75262	90.5	6.968	832			
	1178206	30826	37.1	6.590	832	22.5		64
	1113981	29985	36.0	6.324	832	24.8		64
	1027579	28705	34.5	6.693	832	35.4		64

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

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WET BULB TEMPERATURE DEPRESSION											
52/ 51			.2				2	2		
50/ 49		2.3	.1				20	20	9	
48/ 47	.1	3.7	.2				34	34	22	15
46/ 45	.7	5.7	.2				56	56	52	39
44/ 43	1.2	6.1	.4	.1			65	65	56	46
42/ 41	4.1	8.7	.5				111	111	86	109
40/ 39	2.5	4.1	.6				60	60	72	71
38/ 37	2.4	6.5	.8				81	81	57	66
36/ 35	1.3	4.3	.5				51	51	81	42
34/ 33	6.1	7.2	.7				117	117	123	104
32/ 31	2.3	5.3	.1				64	64	78	65
30/ 29	2.4	6.9					78	78	89	95
28/ 27	4.3	1.7					54	54	55	91
26/ 25	1.6	.6					20	20	22	51
24/ 23	1.2	.2					12	12	15	26
22/ 21	.6						5	5	7	10
20/ 19	.5						4	4	4	10
18/ 17	.1						1	1	1	2
16/ 15										3
TOTAL	31.9	63.6	4.4	.1				835		835
							835		835	

	Σx	Σx	x	σx	N			
	6942758.	75918.	90.9	6.952.	835			
	1162546.	30656.	36.7	6.665.	835	23.9		84
	1101402.	29853.	35.7	6.414.	835	25.9		84
	1020379.	28633.	34.3	6.770.	835	35.5		84

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	WET BULB TEMPERATURE DEPRESSION							
54/ 53		.1	.2		3	3		
52/ 51		.8	1.1		16	16	1	
50/ 49		1.8	2.2		33	33	15	2
48/ 47		4.9	1.4		53	53	43	12
46/ 45	.5	6.9	1.4		74	74	64	56
44/ 43	2.2	5.5	1.7	.5	82	82	86	65
42/ 41	2.5	7.3	3.3	.1	111	111	77	117
40/ 39	1.7	5.9	1.6	.1	77	77	76	56
38/ 37	2.9	4.7	1.8	.5	82	82	97	74
36/ 35	1.9	5.4	1.8		76	76	83	70
34/ 33	3.3	6.6	1.2		93	93	101	80
32/ 31	1.4	4.3	.7		54	54	86	61
30/ 29	1.3	3.6			43	43	60	90
28/ 27	1.7	1.3			25	25	30	64
26/ 25	.6	.5			9	9	8	33
24/ 23	.4	.1			4	4	7	26
22/ 21	.1				1	1	2	6
20/ 19								2
18/ 17								2
TOTAL	20.5	59.9	18.4	1.2	836	836	836	836

	Σx^2	Σx	$\bar{x}$	σ_x	N OBS		
	6409975	72781	87.1	9.399	836		
	1307449	32637	39.0	6.317	836	13.7	84
	1206379	31357	37.5	6.017	836	19.4	84
	1083630	29598	35.4	6.542	836	30.5	84

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WET BULB TEMPERATURE DEPRESSION

59/ 57					.1	.1														2		7		
56/ 55					.7	.2														8		8		
54/ 53			.1	.4	.9															11		11		
52/ 51	.2	1.1	2.7	1.1	.1															43		43	6	2
50/ 49		1.5	3.6	1.7	.2															58		58	32	5
48/ 47		5.0	3.9	1.6	.4	.2														91		91	58	13
46/ 45	.6	7.4	3.3	2.4	.5															117		117	113	72
44/ 43	1.5	4.0	3.5	1.7	.1															89		89	96	72
42/ 41	1.1	7.2	4.9	2.4	.2															130		130	82	121
40/ 39	1.5	2.4	3.3	.4																62		62	107	61
38/ 37	1.6	2.8	3.4	1.2																74		74	79	99
36/ 35	.9	2.7	2.2	.1																48		48	86	69
34/ 33	.7	2.9	1.1	.1																40		40	73	61
32/ 31	.2	2.2	.1																	21		21	51	42
30/ 29	.4	2.2	.2																	23		23	26	69
28/ 27	.2	.5																		6		6	7	78
26/ 25																							5	24
24/ 23																								24
22/ 21																								8
20/ 19																								3
TOTAL	9.9	41.9	32.6	14.5	1.9	.2															823			823
																				823			823	

	5335324.	65450	79.5	12.592.	823		
	1516135.	34979.	42.5	5.987.	823	5.1.	64
	1332043.	32789.	39.8	5.592.	823	9.1.	84
	1121717	29893	36.3	6.613	823	25.3	64

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	WET BULB TEMPERATURE DEPRESSION (F)						TOTAL		TOTA	
	1-2	3-4	5-6	7-8	9-10	11-12				
56/ 55				.2			2	2		
54/ 53		.1	.4	.7			10	10		
52/ 51		1.8	2.3	1.3	.2		47	47	4	1
50/ 49	.1	2.2	5.8	.5	.2		73	73	28	4
48/ 47	.2	6.1	3.7	1.8	.5		103	103	70	18
46/ 45	1.4	4.7	4.8	2.3	.1	.1	112	112	125	75
44/ 43	.2	4.8	3.7	2.4	.4		96	96	81	59
42/ 41	1.0	7.2	4.6	2.4	.7		132	132	92	121
40/ 39	.5	2.9	2.9	.8			60	61	106	70
38/ 37	.5	2.8	2.2	1.0			53	53	79	101
36/ 35	.4	2.5	3.3	.1			52	52	80	58
34/ 33	.6	4.7	1.0	.1			53	53	82	68
32/ 31	.1	2.4	.1				22	22	57	50
30/ 29	.1	.1	.7				8	8	11	66
28/ 27	.7	.1					7	7	12	79
26/ 25									3	22
24/ 23										23
22/ 21										9
20/ 19										5
18/ 17										1
TOTAL	6.0	42.5	35.4	13.7	2.2	.1		831		830
							830		630	

	Σx^2	Σx	$\bar{x}$	σ_x	NO. OBS		
	5204261	64965	78.3	12.001	830		
	1549287	35559	42.8	5.777	831	3.7	84
	1353609	33203	40.0	5.532	830	8.4	54
	1126709	30073	36.2	6.689	830	25.8	54

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC                                                        PSYCHROMETRIC SUMMARY
AIR WEATHER SERVICE/MAC

036490    BRIZE NORTON RAF UK                73-82                                  FEB

                                                                      PAGE 1   1800-2000

                              WET BULB TEMPERATURE DEPRESSION F            TOTAL        TOTAL

 52/ 51       .7  .6                                                 11    11
 50/ 49   .5 1.7 1.2                                                 28    28    14     6
 48/ 47   .2 6.2 1.9                                                 70    70    40     9
 46/ 45   .810.1 2.5  .4                                            115   115    89    63
 44/ 43   .8 6.3 1.7  .2                                             76    76    99    57
 42/ 41  1.212.2 3.4  .4                                            143   143    85   132
 40/ 39   .6 5.9 2.4  .5                                             78    78    95    79
 38/ 37   .7 5.1 2.3  .1                                             69    69    79    83
 36/ 35   .4 5.1 2.9                                                 70    70    67    53
 34/ 33   .6 6.9 2.6  .1                                             88    88    96    66
 32/ 31   .7 3.6  .1                                                 37    37    78    73
 30/ 29   .4 2.5                                                     24    24    42    61
 28/ 27  1.3 1.1  .1                                                 21    21    21    99
 26/ 25   .4  .1                                                      4     4     8    31
 24/ 23   .1                                                          1     1     2    16
 22/ 21                                                                                 3
 20/ 19                                                                                 4
 18/ 17                                                                                 1
TOTAL    9.067.721.7 1.7                                                  835         835
                                                                    835         835

            Σx²        Σx       x̄     σx      NO. OBS
         6134685.    71010   85.0  8.886.     835
         1369864.    33470   40.1  5.821.     835              8.8                    64
         1252266.    31992   38.3  5.746.     835             15.2                    64
         1109788     29956   35.9  6.488.     835             29.0                    64
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WET BULB TEMPERATURE DEPRESSION													
52/ 51			.8							7	7		
50/ 49			2.6	.7						26	28	13	6
48/ 47		.4	4.2	.5						42	42	3[illegible]	45
46/ 45		1.0	7.1	1.1						77	77	67	43
44/ 43		1.0	8.0	1.3	.1					87	87	75	54
42/ 41		3.1	9.5	1.1						115	115	102	124
40/ 39		.7	4.8	1.0						54	54	69	62
38/ 37		3.3	7.6	1.5						105	105	76	85
36/ 35		1.0	6.4	.8						69	69	94	54
34/ 33		2.0	9.2	1.9						110	110	116	91
32/ 31		1.3	5.1	.7						60	67	85	54
30/ 29		.7	3.5							35	35	50	6[illegible]
28/ 27		3.0	1.5							38	38	42	92
26/ 25		.2	.4							5	5	11	41
24/ 23		.2	.7							8	8	3	19
22/ 21												6	2
20/ 19													3
18/ 17													5
TOTAL		17.9	71.4	10.6	.1						840		840
										840		840	

	6567635	74121	68.2	7.505	840		
	1273583	32299	38.5	6.142	840	14.6	84
	1187835	31165	37.1	5.986	840	19.8	84
	1079178	29608	35.2	6.511	840	30.6	84

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WET BULB TEMPERATURE DEPRESSION

58/ 57				.0	.0		2	2		
56/ 55				.1	.0		10	10		
54/ 53		.0	.1	.2			24	24		
52/ 51	.0	.7	.9	.3	.0		132	132	12	3
50/ 49	.1	2.2	1.8	.3	.1		292	292	138	28
48/ 47	.2	4.7	1.6	.4	.1	.0	468	469	320	121
46/ 45	.7	6.9	1.9	.6	.1	.0	678	679	618	431
44/ 43	1.1	5.9	1.7	.6	.1		631	631	624	444
42/ 41	2.6	8.9	2.3	.7	.1		969	969	716	925
40/ 39	1.3	4.4	1.6	.2			503	504	665	549
38/ 37	1.9	5.2	1.9	.3			617	617	593	623
36/ 35	1.4	4.7	1.5	.0			509	509	670	466
34/ 33	2.9	6.4	1.3	.0			714	714	859	640
32/ 31	1.3	4.7	.3				419	419	594	526
30/ 29	1.0	3.4	.1				304	304	403	636
28/ 27	2.5	1.2	.0				250	250	272	677
26/ 25	.6	.4					66	66	84	280
24/ 23	.5	.3					48	48	54	191
22/ 21	.2						16	16	30	52
20/ 19	.1	.0					6	6	5	40
18/ 17	.0						1	1	2	23
16/ 15										3
14/ 13										1
TOTAL	18.4	60.2	17.0	3.9	.5	.0		6660		6659
							6659		6659	

	Σx^2	Σx	$\bar{x}$	σ_x	N		
	50149061	573865	86.2	10.210	6659		
	10567520	261634	39.3	6.592	6660	112.0	672
	9689224	250658	37.6	6.176	6659	145.7	672
	8617658	235412	35.4	6.659	6659	245.1	672

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03594C BRIZE NORTON RAF UK 73-82 MAR

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54/ 53	.2	.6	.1				10	10	6	3
52/ 51	.2	1.4	.2				17	17	4	6
50/ 49	.2	2.7	.8				34	34	26	11
48/ 47	.2	3.4	.8	.1	.1		42	42	29	22
46/ 45	.8	6.0	2.2	.3			85	85	53	49
44/ 43	.3	6.4	1.8	.2			79	79	74	34
42/ 41	2.4	9.1	2.3	.2			128	128	96	94
40/ 39	.9	8.5	1.9				103	103	104	73
38/ 37	1.2	9.5	2.0	.1			117	117	119	115
36/ 35	1.11	0.1	.5				107	107	123	92
34/ 33	2.3	5.3	.7				80	80	136	126
32/ 31	1.2	3.7	.5				50	50	61	128
30/ 29	.2	4.1	.3				42	42	41	71
28/ 27	.2	1.3					14	14	27	47
26/ 25	.1	.4					5	5	12	24
24/ 23									1	2
22/ 21										1
20/ 19										1
TOTAL	12.2	72.7	14.0	1.0	.1			913		913
							913		913	

6977163	79479	87.1	7.996	913		
1445320	35946	39.4	5.743	913	11.3	93
1336968	34556	37.8	5.637	913	14.4	93
1204964	32678	35.8	6.226	913	29.1	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036430 BRIZE NORTON RAF UK 73-82 MAR

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54/ 53		.4						4	4	1	
52/ 51	.3	1.0	.1					13	13	14	4
50/ 49	.4	1.4	.8					24	24	12	15
48/ 47	.5	4.3	.4	.2				50	50	36	14
46/ 45	1.0	4.4	1.0					58	58	49	38
44/ 43	.4	4.6	1.9					63	63	56	68
42/ 41	3.9	12.4	1.2					159	159	97	105
40/ 39	1.1	7.5	1.0					87	87	106	77
38/ 37	2.6	7.9	1.5					110	110	101	105
36/ 35	1.2	8.4	1.4					100	100	107	77
34/ 33	3.9	4.4	.3					78	78	149	101
32/ 31	2.0	3.9	.3					56	56	45	113
30/ 29	.8	5.7	.6					64	64	46	74
28/ 27	1.0	1.2						28	28	46	50
26/ 25	.4	.4						8	8	14	40
24/ 23	.3	.3						6	6	5	35
22/ 21	.1							1	1	3	5
20/ 19											5
18/ 17											3
TOTAL	20.9	68.3	10.6	.2					909		909
								909		909	

7212970	80666	88.7	7.751	909			93
13749000	34924	38.4	6.039	909	16.7		93
12847000	33774	37.2	5.899	909	18.3		93
11736450	32151	35.3	6.460	909	33.3		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03640 BRIZE NORTON RAF UK 73-82 MAR

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54/ 53		.6						5	5	2	
52/ 51		1.6	.3					16	16	14	2
50/ 49	.4	1.3	.5					21	21	13	15
48/ 47	.7	2.7	.8					36	38	33	15
46/ 45	.5	6.6	1.4					80	81	52	53
44/ 43	.4	5.2	.7	.1				56	58	53	32
42/ 41	3.6	12.3	2.2					165	165	104	106
40/ 39	1.2	7.7	1.2					92	92	95	94
38/ 37	3.0	7.3	1.1					104	104	119	98
36/ 35	1.4	7.3	.5					65	65	122	74
34/ 33	4.2	4.8	.3					65	65	133	113
32/ 31	2.1	3.5	.4					55	55	70	104
30/ 29	1.0	4.5	.7					56	56	48	62
28/ 27	1.6	1.3						27	27	36	58
26/ 25	1.1	.8						17	17	22	33
24/ 23	.1	.2						3	3	4	33
22/ 21	.3							3	3	5	4
20/ 19											12
18/ 17											1
TOTAL	21.9	67.8	13.2	.1					913		912
								912		912	

7258971	81045	88.9	7.903	912		
1359667	35175	38.5	6.151	913	15.4	93
1298525	33981	37.3	5.963	912	18.9	93
1186012	32356	35.5	6.466	912	31.1	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAR

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	WET BULB TEMPERATURE DEPRESSION F						TOTAL		TOTAL	
58/ 57			.1				1	1		
56/ 55		.2	.3	.4		.1	10	10		
54/ 53		.7	.5	.2	.2	.1	16	16	5	
52/ 51		2.1	1.2	.8	.1		38	38	16	7
50/ 49	.2	1.5	3.6	.9	.5	.1	63	63	30	16
48/ 47	.3	2.6	4.7	1.6	1.0		94	94	37	26
46/ 45	.5	6.8	5.3	2.4	.7		143	143	96	39
44/ 43	.2	5.6	3.2	2.1			101	101	126	44
42/ 41	1.9	9.2	7.2	1.8	.4		187	187	119	154
40/ 39	.9	4.9	2.7	.8			85	85	136	98
38/ 37	1.5	4.0	1.2	.5	.1		68	68	136	114
36/ 35	.1	4.0	1.6	.1			54	54	86	62
34/ 33	1.3	1.8	.8				35	35	75	128
32/ 31	.4	.9	.3				15	15	30	66
30/ 29	.2	.1	.1				4	4	14	51
28/ 27									3	52
26/ 25										8
24/ 23										22
22/ 21										4
20/ 19										1
16/ 15										2
TOTAL	7.7	44.4	32.9	11.6	3.1	.3		914		914
							914		914	

5930628	72730	79.6	12.526	914		
1711535	39251	42.9	5.329	914	1.9	93
1504417	36799	40.3	5.301	914	4.9	93
1269353	33611	36.9	6.045	914	21.0	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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036490    BRIZE NORTON RAF UK                    73-82                                 MAR

                                                                         PAGE 1    1200-1400

                            WET BULB TEMPERATURE DEPRESSION                 TOTAL       TOTAL

 62/ 51                        .1         .1                                   2     2
 60/ 59                   .6   .1   .1   .3   .3   .1                         14    14
 58/ 57              .1   .6   .1   .2   .6   .1                              15    15
 56/ 55         .6   .3   .9  1.3   .9   .1                                   37    37
 54/ 53         .9   .9  1.0   .9   .3                                        36    36    16
 52/ 51        2.2  2.0  3.5  1.5   .6   .2                                   91    91    26    10
 50/ 49        1.7  3.4  3.3  1.9  1.8   .1                                  110   110    35    19
 48/ 47    .2  2.4  5.1  4.1  3.3   .3                                       140   140    76    27
 46/ 45    .2  4.5  3.1  3.5  1.8   .4                                       123   123   130    50
 44/ 43    .1  3.0  2.8  3.7  1.3   .3                                       101   101   135    32
 42/ 41    .1  5.3  5.1  3.3  1.5   .2                                       141   141   122   143
 40/ 39        2.1  1.1   .7   .1                                             36    36   134    71
 38/ 37    .4  1.8  1.1   .1                                                  31    31   103   105
 36/ 35        1.1   .6   .2                                                  17    17    73    92
 34/ 33    .2   .4   .1   .1                                                   8     8    39    96
 32/ 31    .2                                                                  2     2    11    69
 30/ 29                                                                                    2    60
 28/ 27                                                                                         61
 26/ 25                                                                                         22
 24/ 23                                                                                         29
 22/ 21                                                                                         10
 20/ 19                                                                                          3
 18/ 17                                                                                          2
 16/ 15                                                                                          3
TOTAL     1.526.025.725.614.0 5.2 1.4   .4   .1                                     904         904
                                                                             904         904


            4557379     62589   69.215.752      904
            1976517     41991   46.5 5.379      904            .2                           93
            1613491     37943   42.0 4.815      904           1.3                           93
            1229291     32767   36.2 6.787      904          25.6                           93
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-62 MAR

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WET BULB TEMPERATURE DEPRESSION (F)

										TOTAL		TOTAL	
62/ 61			.1		.1			.2		4	4		
60/ 59			.2	.5	.3	.2	.4	.4	.2	22	22		
58/ 57			.2	.4	.1	.9	.2			17	17	1	
56/ 55		.1	.7	.7	1.2	.3	.3			30	30	2	
54/ 53		.9	.2	1.2	.7	.3	.1			31	31	14	2
52/ 51	.5	1.6	2.4	2.7	1.9	.8				91	91	25	11
50/ 49	.5	2.0	2.3	2.2	2.6	1.2	.5			104	104	43	22
48/ 47	.1	1.9	5.0	4.1	3.3	.4				135	135	74	47
46/ 45	.1	5.0	3.4	4.3	2.1	.5				141	141	116	45
44/ 43	.1	4.3	3.7	3.0	.6	.5				113	113	140	42
42/ 41	.2	4.9	4.2	2.1	.8					111	111	144	121
40/ 39		3.2	1.6	.7	.2					52	52	134	90
38/ 37	.3	1.5	1.3	.4	.1					34	34	98	95
36/ 35	.1	1.0	.5	.2						17	17	62	95
34/ 33	.2	.5	.3							10	10	44	106
32/ 31												13	69
30/ 29												2	62
28/ 27													51
26/ 25													26
24/ 23													26
22/ 21													9
20/ 19													6
18/ 17													5
TOTAL	2.3	27.0	26.3	22.5	14.1	5.3	1.6	.7	.2		912		912
										912		912	

	Σx^2	Σx	$\bar{x}$	σ_x	N OBS			
	4649905	63453	69.6	16.065	912			
	1993863	42345	46.4	5.519	912			93
	1530585	38327	42.0	4.865	912	1.5		93
	1245216	33118	36.3	6.837	912	25.9		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAR

PAGE 1 1800-2000

	WET BULB TEMPERATURE DEPRESSION F							TOTAL		TOTAL	
60/ 59				.1				1	1		
58/ 57			.2	.2			.3	7	7		
56/ 55		.1	.1	.4	.3	.1		10	10		
54/ 53	.2	.2	.3	.3	.3	.2		15	15	7	2
52/ 51	.7	1.6	.5	.7	.5			37	37	16	10
50/ 49	.1	3.1	2.0	.8	.3	.1		59	59	34	9
48/ 47	.2	3.8	2.5	1.8	.7	.2		85	85	47	30
46/ 45	.1	8.0	6.4	1.8	.4	.1		156	156	86	55
44/ 43	.1	6.3	6.0	3.0	.2			144	144	129	41
42/ 41	.7	7.7	5.4	1.5	.7			156	156	126	140
40/ 39		6.1	3.3	.7				92	92	129	71
38/ 37	.4	4.1	3.5	.3	.1			78	78	135	126
36/ 35		2.6	.8	.1				32	32	82	86
34/ 33	.7	2.1	.7	.3				34	34	31	109
32/ 31	.3	.2	.7					11	11	25	79
30/ 29		.2	.1					3	3	15	70
28/ 27										4	45
26/ 25		.1						1	1	1	12
24/ 23											22
22/ 21											6
20/ 19											2
18/ 17											1
16/ 15											3
TOTAL	3.5	46.4	33.3	12.2	3.6	.8	.3		921		921
								921		921	

	Σx^2	Σx	$\bar{x}$	σ_x	N OBS		
	5771373	71967	78.1	12.678	921		
	1747117	39821	43.2	5.253	921	1.5	93
	1524438	37180	40.4	5.055	921	4.5	93
	1269402	33682	36.6	6.394	921	24.4	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAR

PAGE 1 2100-2300

	WET BULB TEMPERATURE DEPRESSION F					TOTAL		TOTAL	
56/ 55			.1	.1		2	2		
54/ 53			.2	.2		4	4	3	
52/ 51		.7	1.3	.5		23	23	16	9
50/ 49			2.1	.5		24	24	20	9
48/ 47		.4	4.0	1.2	.4	56	56	31	22
46/ 45		.4	8.4	3.5	.7	119	119	67	53
44/ 43		.1	6.9	3.1	.5	97	97	87	36
42/ 41		1.1	11.6	5.9	.1	171	171	115	126
40/ 39		.2	9.7	1.9	.1	109	109	110	77
38/ 37		1.1	8.1	3.6	.2	119	119	153	99
36/ 35		.3	5.7	1.1		65	65	99	99
34/ 33		1.7	4.1	1.7		70	70	112	124
32/ 31		.7	2.3	.3		30	30	56	78
30/ 29		.4	1.0	.7		19	19	26	88
28/ 27			.9			8	8	13	44
26/ 25			.1			1	1	7	18
24/ 23									17
22/ 21									10
20/ 19									3
TOTAL		7.2	66.4	24.3	2.1		917		917
						917		917	

	Σx	Σx	x	σx	N OBS		
	6561863.	77273.	84.3.	8.760.	917		
	15368001.	37221.	40.6.	5.328.	917	5.9.	93
	1399577.	35493.	38.7.	5.307.	917	10.5.	93
	1231888.	33140.	36.1.	6.112.	917	26.2.	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036470 BRIZE NORTON RAF UK 73-82 MAR

PAGE 1 ALL

	WET BULB TEMPERATURE DEPRESSION F									TOTAL		TOTAL	
62/ 61			.0		.0		.0	.0		6	6		
60/ 59			.0	.2	.1	.0	.1	.1	.0	37	37		
58/ 57			.1	.2	.0	.1	.1	.0		40	40	1	
56/ 55		.1	.2	.3	.4	.2	.1			89	89	2	
54/ 53	.1	.6	.3	.3	.3	.1	.0			121	121	59	7
52/ 51	.3	1.6	.9	1.0	.5	.2	.0			328	328	171	61
50/ 49	.2	2.0	1.7	.9	.7	.4	.1			439	439	213	119
48/ 47	.3	3.1	2.6	1.5	1.0	.1				640	640	367	163
46/ 45	.5	6.2	3.3	1.6	.6	.1				905	905	651	402
44/ 43	.2	5.3	2.9	1.6	.3	.1				756	756	810	289
42/ 41	1.7	9.1	4.3	1.1	.4	.0				1218	1218	925	991
40/ 39	.5	6.2	1.8	.4	.0					656	656	946	551
38/ 37	1.3	5.5	1.9	.2	.0					661	661	964	857
36/ 35	.5	5.0	.9	.1						477	477	736	597
34/ 33	1.9	2.9	.6	.1						400	400	766	910
32/ 31	.9	1.8	.3							219	219	331	666
30/ 29	.3	1.9	.3							188	188	195	536
28/ 27	.5	.6								77	77	131	406
26/ 25	.2	.2								32	32	54	183
24/ 23	.1	.1								9	9	10	209
22/ 21	.1									4	4	6	50
20/ 19													33
18/ 17													12
16/ 15													6
TOTAL	9.6	52.4	22.2	9.4	4.4	1.4	.4	.1	.0	7302	7303	7302	7302

	Σx²	Σx	x̄	σx	N	Max	Min
	48940252	589202	80.7	13.834	7302		
	13175840	306674	42.0	6.385	7303	53.9	744
	11594391	288033	39.4	5.646	7302	74.3	744
	9809771	263463	36.1	6.435	7302	217.5	744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 APR

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	WET BULB TEMPERATURE DEPRESSION F				TOTAL		TOTAL	
56/ 55		.7	.2		8	6	1	
54/ 53		.2	.6	.1	8	8	5	3
52/ 51	.2	2.4	.4	.4	31	31	10	7
50/ 49	.4	4.5	1.5	.2	59	59	44	25
48/ 47	.2	3.8	4.0	.3	75	75	43	31
46/ 45	.9	7.8	2.5	.7	105	105	79	52
44/ 43	.1	9.8	4.0	.6	129	129	110	53
42/ 41	.8	12.0	6.4	.2	155	155	115	117
40/ 39	.2	6.0	2.4	.1	77	77	124	97
38/ 37	.4	5.8	2.0		74	74	107	99
36/ 35	.2	6.6	2.0		79	79	82	92
34/ 33	.4	4.3	.4		46	46	91	99
32/ 31	.4	2.6	.1		28	28	51	82
30/ 29	.1	1.1			11	11	20	73
28/ 27	.3	.2			5	5	7	43
26/ 25							1	13
24/ 23								3
20/ 19								1
TOTAL	4.9	65.7	26.6	2.7	890	890	890	890

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs		Mean No. of Hours with Temperature	
	6340823.	74757.	84.0	8.317.	890			
	1596874.	37262	41.9	5.492.	890	4.4.		90
	1441123.	35489.	39.9	5.407.	890	8.0.		90
	1272134	33222	37.3	5.999	890	21.7		90

GLOBAL CLIMATOLOGY BRANCH
GAFCTAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 APR

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56/ 55		.5						4	4		
54/ 53		.3	.2					5	5	4	3
52/ 51		1.1	.3					13	13	8	3
50/ 49	.3	2.4	1.0					33	33	26	14
48/ 47	.5	3.7	.9					45	45	36	20
46/ 45	.9	11.0	1.7					120	120	71	58
44/ 43	.5	9.7	1.9	.5				111	111	100	92
42/ 41	.7	13.5	5.3	.2				174	174	91	117
40/ 39	.7	9.6	1.8					107	107	132	92
38/ 37	1.4	3.8	1.0					55	55	139	122
36/ 35	.7	5.3	1.1					63	63	71	88
34/ 33	1.0	6.0	.5					66	66	76	60
32/ 31	.5	4.3						43	43	74	54
30/ 29	.5	3.2						33	33	36	84
28/ 27	.5	.8						12	12	19	70
26/ 25										1	16
24/ 23											10
22/ 21											1
TOTAL	8.3	75.2	15.8	.7					884		884
								884		884	

	6645764	76362	86.4	7.482	884			
	1478757	35819	40.5	5.570	884	9.0		90
	1363458	34378	38.9	5.481	884	13.2		90
	1225181	32481	36.7	5.994	884	23.9		90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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035490     BRIZE NORTON RAF UK                    73-82                                                    APR

                                                                                               PAGE 1    0600-0800
-----------------------------------------------------------------------------------------------------------------
                              WET BULB TEMPERATURE DEPRESSION F
 56/ 55          .6   .1                                                              6     6
 54/ 53          .1   .2   .2   .1                                                    6     6     0     3
 52/ 51         1.6  1.2   .1                                                        26    26     6     3
 50/ 49    .2  2.6  2.3   .1                                                         46    46    28    10
 48/ 47    .7  4.5  2.1  1.1                                                         75    75    60    26
 46/ 45    .310.3  3.6   .5                                                         130   130    76    58
 44/ 43    .5  8.5  3.7   .7                                                        119   119   126    71
 42/ 41   1.213.2  6.8   .6   .1                                                    194   194    99   135
 40/ 39    .3  5.7  2.1   .1                                                         73    73   143    95
 38/ 37   2.0  3.7  1.9   .1                                                         69    69   129   114
 36/ 35    .3  3.1  1.1                                                              40    40    63    91
 34/ 33    .7  3.7   .9                                                              47    47    53    62
 32/ 31    .5  2.3                                                                   25    25    46    57
 30/ 29    .2  1.8                                                                   18    18    26    57
 28/ 27    .5   .3                                                                    8     8    10    49
 26/ 25    .1   .1                                                                    2     2     1    22
 24/ 23                                                                                            1    11
 22/ 21                                                                                                  1
TOTAL     7.962.126.2  3.5   .2                                                          884         884
                                                                                    884         884
-----------------------------------------------------------------------------------------------------------------
               Σx          Σx       X̄    σx      N OBS
             6316492.    74276.  84.0  9.255.    884
             1576535.    37017.  41.9  5.475.    884              5.4                                       90
             1431298.    35264.  39.9  5.275.    884              8.8                                       90
             1260762.    32974.  37.3  5.908.    884             20.0                                       90
```

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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036490    BRIZE NORTON RAF UK                      73-62                                              APR

                                                                                              PAGE 1    0900-1100

                                  WET BULB TEMPERATURE DEPRESSION (F)                     TOTAL          TOTAL

 66/ 65                                              .1                                   1     1
 64/ 63                               .1    .2                                            3     3
 62/ 61                         .2    .5    .1                                            7     7
 60/ 59                   .2    .7    .5    .1    .1                                     14    14
 58/ 57             .1    .3    .8    .5    .1    .1                                     17    17     1
 56/ 55                  1.2   2.8   1.4    .5                                           52    52     7
 54/ 53             .7    .9   2.6    .8    .1                                           45    45    14     3
 52/ 51       .1   1.5   3.8   3.1   2.0    .6                                           98    98    36     5
 50/ 49       .1   1.2   4.5   3.2   1.2    .2                                           93    93    71    21
 48/ 47       .1   3.5   5.2   3.1   2.4    .6                                          131   131    89    34
 46/ 45       .2   4.4   6.2   5.1   1.7    .3                                          159   159   144    78
 44/ 43            3.1   3.6   4.9    .9                                                110   110   112    75
 42/ 41       .5   3.7   3.3   1.5    .6                                                 85    85   172   136
 40/ 39       .2   1.7    .7    .6    .1                                                 29    29   119    90
 38/ 37       .2    .7    .8    .5                                                       19    19    91   107
 36/ 35            1.1    .5    .2                                                       16    16    30    79
 34/ 33             .5    .1                                                              5     5    26    74
 32/ 31             .1                                                                    1     1    13    60
 30/ 29                                                                                                   59
 28/ 27                                                                                                   32
 26/ 25                                                                                                   16
 24/ 23                                                                                                   16
 22/ 21                                                                                          [illegible]
 20/ 19                                                                                          [illegible]
 19/ 17                                                                                                    1
 16/ 15                                                                                                    1
TOTAL        1.522.331.429.012.5  2.8    .2    .1                                               885         885
                                                                                         885          885

              4571514      62506   70.613.319      885
              2010414      41908   47.4 5.415      885              .1                                     90
              1564519      38135   43.1 4.935      885             1.3                                     90
              1303790      33500   37.9 6.356      885            19.3                                     90
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 APR

PAGE 1 1200-1400

WET BULB TEMPERATURE DEPRESSION

70/ 69								.1				1	1	
68/ 67							.3	.1	.3	.1		8	8	
66/ 65						.3	.3	.3	.1			10	10	
64/ 63					.1	.5	.7	.6				17	17	
62/ 61					.5	.5	.8	.2	.1			18	18	
60/ 59				.1	.5	1.9	1.6	1.4	.2			50	50	1
58/ 57				.7	1.5	2.6	1.8	.3				51	51	9
56/ 55			.2	.5	3.6	3.2	1.5	1.0	.1			88	89	14
54/ 53		.1	.3	.3	2.6	2.6	1.7	.7				74	74	33	2
52/ 51		.1	.7	2.5	3.9	3.7	1.9	.2				114	114	50	16
50/ 49			1.1	2.4	3.7	1.8	1.8	.3				98	98	90	40
48/ 47		.3	1.4	1.6	3.2	3.3	1.6	.1				103	103	100	31
46/ 45			2.5	3.1	2.7	3.6	.5					108	108	117	74
44/ 43			2.2	1.0	1.9	1.3						56	56	170	84
42/ 41			1.4	1.3	1.5	.6	.1					42	42	104	138
40/ 39			.7	.6	.1	.2						14	14	96	76
38/ 37			.5	.1	.1							6	6	58	43
36/ 35			.3	.2								5	5	29	59
34/ 33														9	64
32/ 31														6	38
30/ 29															53
28/ 27															63
26/ 25															30
24/ 23															22
22/ 21															6
20/ 19															1
18/ 17															1
16/ 15															3
TOTAL	.5	11.3	14.7	25.9	26.2	14.4	5.6	.8	.3	.1		873		873
											873		873	

	3412739	53035	60.8	14.794	873		
	2299398	44462	51.0	6.143	873	.9	90
	1762472	38972	44.6	5.103	873	.5	90
	1245522	32412	37.1	6.953	873	24.4	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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036490    BRIZE NORTON RAF UK                    73-82                                              APR

                                                                                        PAGE 1    1500-1700

                                   WET BULB TEMPERATURE DEPRESSION (F)

 68/ 67                          .3   .3   .5        .1                               11    11
 66/ 65                     .5   .1   .2   .1                                          9     9
 64/ 63                .1   .5  1.0   .9   .3   .5                                    29    29
 62/ 61                     .8  1.8   .2   .2   .1                                    26    28
 60/ 59      .1        .9  2.0  1.6  2.0   .9                                         67    67     1
 58/ 57           .2  1.6  2.2  2.4   .1                                              57    57     9
 56/ 55      .9   .5  2.7  3.9  1.8   .9                                              94    94    11     1
 54/ 53      .1  1.2  2.4  2.9  2.0  1.0                                              86    86    49     5
 52/ 51     1.0  1.2  2.7  5.0  1.7  1.1                                             113   113    58    14
 50/ 49          1.9  2.8  2.2  2.5   .5                                              87    87    91    11
 48/ 47     1.1  1.7  3.2  2.5  2.0                                                   93    93   105    33
 46/ 45     2.9  2.4  2.7  3.5   .8                                                  109   109   113    55
 44/ 43     1.2   .6  1.9   .7                                                        41    41   132    72
 42/ 41     1.2  1.4   .5   .6                                                        32    32    96   117
 40/ 39      .5   .8                                                                  12    12    96    79
 38/ 37      .8                                                                        7     7    54    62
 36/ 35      .2                                                                        2     2    25    60
 34/ 33  .2  .2   .2                                                                   5     5     9    55
 32/ 31                                                                                            3    50
 30/ 29                                                                                            1    57
 28/ 27                                                                                                 70
 26/ 25                                                                                                 47
 24/ 23                                                                                                 20
 22/ 21                                                                                                  5
 20/ 19                                                                                                  3
 16/ 15                                                                                                  2
TOTAL    .210.512.121.527.718.3 7.4 2.0  .6   .1                                           883         883
                                                                                      883         883


            3227799      51711   58.615.038     883
            2394499      45631   51.7 6.425     883                        1.1                         90
            1800948      39612   44.9 5.238     883               .4                                   90
            1237867      32475   36.8 7.024     883             24.8                                   90
```

GLOBAL CLIMATOLOGY BRANCH
CARFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

326490 BRIZE NORTON RAF UK 73-82 [illegible]

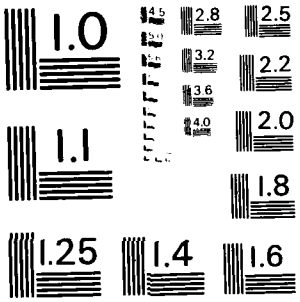
PAGE 1 1000-2000

66/ 65					.7			.1				4	4			
64/ 63				.2	.1	.3	.1					7	7			
62/ 61				.3	.2	.2	.2					9	9			
60/ 59		.1	.1	.7	1.7	.3	.7	.1				33	33	4		
58/ 57			.1	1.0	1.0	.5	.5					27	27	7		
56/ 55		.3	.8	1.7	2.3	.6						52	51	[illegible]	1	
54/ 53		.9	2.3	3.1	1.7	.6	.2					77	77	17	7	
52/ 51		1.5	3.3	2.8	2.5	.2						91	91	51	13	
50/ 49	.1	1.1	3.2	2.5	1.5	.9		.1				83	83	69	12	
48/ 47		1.6	4.1	3.7	2.6	.5						110	110	171	37	
46/ 45		4.6	7.0	3.6	2.5	.7						163	162	117	78	
44/ 43	.1	1.9	3.5	3.6	.9	.1						90	90	127	52	
42/ 41		2.3	2.5	2.1	.5							65	65	173	125	
40/ 39		1.6	.7	.5								24	24	95	78	
38/ 37		1.5	.9									20	20	65	117	
36/ 35		1.9	.2									19	19	45	74	
34/ 33	.3	.6	.3									11	11	32	[illegible]	
32/ 31														6	72	
30/ 29														1	45	
28/ 27		.1										1	1	1	43	
26/ 25															14	
24/ 23															15	
22/ 21															2	
20/ 19															[illegible]	
18/ 17															1	
TOTAL	.5	20.0	26.8	25.9	17.8	4.9	1.7	.2					885		864	
												884		884		

42919.3	60347	68.3	13.967	884			
2082697	42589	48.1	6.126	885	.1		[illegible]
1684798	38312	43.3	5.255	884	.5		[illegible]
1267337	33235	37.6	6.551	884	20.7		[illegible]

AD-A131 621 BRIZE NORTON RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83 4/5

UNCLASSIFIED USAFETAC/DS-83-014 SBI-AD-E850 392 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 APR

PAGE 1 2100-2300

Temp F	0-1	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL DB	TOTAL WB	TOTAL DB	TOTAL WB
60/ 59			.7	.2														8	8		
58/ 57			.1	.3														4	4		
56/ 55		.1	.7	.1	.2													10	10	6	
54/ 53		.2	1.4	.2	.1	.1												18	18	5	4
52/ 51	.2	1.8	2.7	1.1	.6													57	57	16	7
50/ 49	.3	3.8	1.9	1.6	.3													71	71	46	11
48/ 47	.1	3.2	3.5	1.9	.3													80	80	60	38
46/ 45	.2	9.4	7.2	2.4														170	170	94	74
44/ 43		6.2	6.1	2.6														132	133	125	47
42/ 41	.5	6.1	8.5	.8														140	140	128	122
40/ 39	.1	3.0	3.2	.3														59	59	121	89
38/ 37	.8	2.9	2.9	.1														60	60	116	109
36/ 35		2.6	.3															26	26	62	81
34/ 33	1.1	2.8	.3															38	38	76	103
32/ 31		.9																8	8	22	83
30/ 29	.1	.2																3	3	5	55
28/ 27		.3																3	3		47
26/ 25																				3	11
24/ 23																					3
22/ 21																					1
20/ 19																					2
TOTAL	3.5	43.6	39.5	11.7	1.6	.1													888		887
																		887		887	

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean Number of Hours with Temperature						
						>32F	>32F	>32F	>32F	>32F	>32F	Tot
	5580146	69736	78.6	10.490	887							
	1739096	38992	43.9	5.513	888		1.4					90
	1520407	36435	41.1	5.181	887		3.0					90
	1278972	33264	37.5	5.964	887		20.5					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 APR

PAGE 1 ALL

Dry Bulb °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL OBS	TOTAL OBS	Mean Wet Bulb	Mean Dew Point
70/ 69								.0										1	1		
68/ 67						.0	.1	.1	.0	.0								19	19		
66/ 65					.2	.1	.1	.1										24	24		
64/ 63				.1	.2	.3	.2	.0	.1									56	56		
62/ 61				.1	.2	.4	.1	.0	.0									62	62		
60/ 59		.0	.1	.4	.8	.5	.5	.2										172	172	3	
58/ 57		.0	.2	.7	.8	.6	.1											166	166	26	
56/ 55		.4	.5	1.4	1.4	.5	.2	.0										312	313	44	2
54/ 53	.0	.4	.9	1.4	1.0	.6	.2											319	319	132	30
52/ 51	.1	1.4	2.0	1.8	1.7	.6	.2											543	543	235	68
50/ 49	.2	2.1	2.3	1.8	.9	.7	.1	.0										570	570	469	114
48/ 47	.2	2.9	2.9	2.1	1.4	.6	.0											712	712	639	250
46/ 45	.3	6.6	4.2	2.2	1.4	.3												1064	1064	811	530
44/ 43	.2	5.3	3.1	2.1	.5	.0												788	789	952	486
42/ 41	.5	6.4	4.4	.9	.3	.0												887	887	888	1010
40/ 39	.2	3.6	1.5	.2	.0													395	395	926	695
38/ 37	.6	2.5	1.2	.1														310	310	789	832
36/ 35	.2	2.7	.7	.0														250	250	406	654
34/ 33	.5	2.3	.4															219	219	382	678
32/ 31	.2	1.3	.0															105	105	223	514
30/ 29	.1	.8																65	65	89	483
28/ 27	.2	.2																29	29	37	421
26/ 25	.0	.0																2	2	6	154
24/ 23																				1	108
22/ 21																					21
20/ 19																					11
18/ 17																					2
16/ 15																					6
14/ 13																					1
TOTAL	3.5	38.9	24.4	15.1	10.7	5.0	1.9	.4	.1	.0									7072		7070
																		7070		7070	

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean Number of Hours in Temperature							
Dry Bulb	40387180	522730	73.9	15.682	7070								
Dew Point	15168270	323700	45.8	7.054	7072			20.5	2.0				720
Wet Bulb	12669023	296597	42.0	5.658	7070			36.3					720
Sea Level	10111635	263563	37.3	6.363	7070			175.3					720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAY

PAGE 1 0000-0200

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB	TOTAL WB	TOTAL Dew Pt	TOTAL Wet Bulb
60/ 59		.1	.5	.1														7	7		
58/ 57		.7	.3															9	9	1	
56/ 55		1.5	.9	.5														27	27	15	1
54/ 53	.8	4.9	2.3	.8														80	80	41	31
52/ 51	1.0	6.4	2.0	.3														89	89	67	47
50/ 49	.7	7.1	2.9	.7	.1													105	105	90	61
48/ 47	.9	9.5	3.7	1.2														140	140	103	74
46/ 45	.5	15.0	4.0	.4														184	184	171	140
44/ 43	.5	6.6	2.0	.3														87	87	142	119
42/ 41	.7	6.5	1.5															80	80	103	147
40/ 39		3.5	.9															40	40	54	63
38/ 37	.1	2.7	.3															29	29	51	85
36/ 35	.2	2.6	.1															27	27	39	54
34/ 33	.1	1.1	.1															12	12	24	50
32/ 31		.2																2	2	7	24
30/ 29																					18
28/ 27																					4
TOTAL	5.4	68.5	21.6	4.4	.1													918		918	918

Element	Σx	Σx	$\bar{x}$	σ_x	No. Obs	Max	Min	Mean Temperature				
Dry Bulb	6802027	78639	85.7	8.454	918							
Dew Pt	2014268	42734	46.6	5.216	918		.2					93
Wet Bulb	1849179	40931	44.6	5.135	918		.7					93
Vap Pr	1684299	38965	42.4	5.759	918		4.7					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 — STATION
BRIZE NORTON RAF UK — STATION NAME
73-82 — YEARS
MAY — MO
PAGE 1 — 0300-0500 — HRS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew P.	TOTAL Wet B.
58/ 57		.2	.1															3	3		
56/ 55	.2	1.5	.2															18	18	4	2
54/ 53	.3	2.3	.8	.2														33	33	28	11
52/ 51	1.7	4.1	1.3															66	66	42	41
50/ 49	.8	6.9	1.1															81	81	83	36
48/ 47	1.1	9.1	3.3															124	124	80	71
46/ 45	2.4	17.9	4.0	.3														227	227	166	132
44/ 43	1.0	8.8	.9															98	98	171	129
42/ 41	2.3	7.2	2.0															105	105	99	182
40/ 39	1.0	4.4	.4															54	54	81	80
38/ 37	2.4	2.1																41	41	74	77
36/ 35	.1	2.4																23	23	31	54
34/ 33	.7	2.6	.1															31	31	35	44
32/ 31	.3	1.4																16	16	25	30
30/ 29		.2																2	2	3	22
28/ 27																					11
TOTAL	14.2	71.1	14.1	.5														922	922	922	922

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature <0 F	<32 F	<67 F	>73 F	>80 F	>93 F	Total
Rel. Hum.	7311731	81815	88.7	7.497	922							
Dry Bulb	1879517	41337	44.8	5.335	922		1.8					93
Wet Bulb	1758028	39972	43.4	5.220	922		2.8					93
Dew Point	1632551	38449	41.7	5.627	922		6.4					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 (STATION) BRIZE NORTON RAF UK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

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Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb + Dew Point
64/ 63				.2		.1												3	3		
60/ 59		.1	.8	.6	.2													15	15		
58/ 57	.1	.7	1.5	.3														24	24	4	1
56/ 55		1.7	2.4	.9	.4													49	49	15	4
54/ 53	.2	3.9	2.6	.6	.2													68	68	42	15
52/ 51	.7	5.7	6.4	1.0	.6													130	130	79	46
50/ 49	1.1	5.3	4.9	.7														108	108	113	68
48/ 47	.3	9.5	4.4	1.2	.3													143	143	131	63
46/ 45	1.0	11.9	4.9	.3														164	164	180	172
44/ 43	.9	4.7	3.4	.2														84	84	123	111
42/ 41	.7	3.9	1.8	.2														59	59	90	164
40/ 39	.2	2.0	.4															24	24	60	54
38/ 37	.3	1.7	.2															20	20	33	75
36/ 35		.4	.1															5	5	20	61
34/ 33	.1	.9																9	9	13	25
32/ 31	.1	.1																2	2	4	12
30/ 29																					10
28/ 27																					6
TOTAL	5.7	52.4	33.8	6.2	1.8	.1												907	907	907	907

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0°F	≤32°F	≤67°F	≥73°F	≥80°F	≥93°F	Total
Rel. Hum	6341016	75318	83.0	9.774	907							
Dry Bulb	2115060	43552	48.0	5.125	907		.2					93
Wet Bulb	1905556	41346	45.6	4.789	907		.4					93
Dew Point	1703089	38995	43.0	5.415	907		2.9					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAY

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Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73						.1				.1								2	2		
72/ 71					.1		.1		.2									4	4		
70/ 69					.1	.1	.4	.1										7	7		
68/ 67					.1	.5	.5	.1										12	12		
66/ 65				.3	.7	.8	.1	.2										19	19		
64/ 63				.4	1.1	1.5	.7	.3										37	37	2	
62/ 61		.1	.7	1.1	1.5	.9	.7	.1										46	46	3	
60/ 59	.1	.4	1.1	2.9	1.7	2.2	1.1	.2										90	90	11	2
58/ 57		.5	1.9	3.7	2.2	.7	.4	.1										87	87	37	7
56/ 55		1.3	2.2	4.8	2.7	1.0												110	110	52	12
54/ 53		1.9	3.2	4.3	1.7	.7	.1											108	108	80	19
52/ 51	.2	2.1	4.3	2.9	2.0	.3	.1											109	109	123	52
50/ 49		1.6	2.7	3.3	1.5													84	84	144	65
48/ 47	.1	3.9	3.7	3.2	1.3													112	112	147	86
46/ 45	.1	3.2	2.4	1.2	.9													71	71	134	164
44/ 43		.2	.5	.5	.1													13	13	89	97
42/ 41		.4	.1															5	5	56	143
40/ 39			.1															1	1	26	54
38/ 37																				11	78
36/ 35																				2	43
34/ 33																					49
32/ 31																					18
30/ 29																					13
28/ 27																					10
26/ 25																					5
TOTAL	.5	15.7	22.8	28.7	17.8	8.7	4.3	1.2	.2	.1								917	917	917	917

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤50 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4369556	61928	67.5	14.302	917							
Dry Bulb	2708739	49547	54.0	5.877	917			2.5	.2			93
Wet Bulb	2183300	44530	48.6	4.777	917							93
Dew Point	1725712	39374	42.9	6.188	917		4.7					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 — STATION — BRIZE NORTON RAF UK — STATION NAME — 73-82 — YEARS — MAY — MONTH

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Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Point
80/ 79									.1		.1							2	2	
78/ 77							.2			.1								3	3	
76/ 75						.1	.3		.4	.2	.1							11	11	
74/ 73						.2	.4	.6	.4	.1	.1							17	18	
72/ 71					.1	.3	.4	.4	.4		.2							18	18	
70/ 69				.1	.1	.7	.3	.9	.1	.2								22	22	
68/ 67				.2	.2	.8	.4	.4	.6									24	24	
66/ 65			.2	.2	.8	1.2	1.1	1.0	.1	.1								43	43	3
64/ 63		.2		1.0	1.0	2.8	1.4	.9	.2	.1								69	69	12
62/ 61		.1	.3	1.2	3.0	1.3	1.1	.3										67	67	14	2
60/ 59		.2	1.0	2.9	3.7	3.6	2.6	.3										128	128	31	12
58/ 57			1.2	2.8	1.8	1.8	1.8	.1										85	85	50	5
56/ 55	.2	.4	1.1	2.3	3.2	1.8	1.1	.1										93	93	68	11
54/ 53	.1	1.7	2.0	2.6	2.0	1.1	.4											89	89	112	19
52/ 51	.1	1.1	2.4	1.9	2.7	1.1	.3											87	87	121	53
50/ 49		2.0	2.1	1.2	1.1	.4												62	62	123	60
48/ 47	.1	2.3	.7	1.3	.9	.3												51	51	134	80
46/ 45		.7	1.1	.7	.1													23	23	113	148
44/ 43		.1	.1	.1														3	3	55	85
42/ 41		.4																4	4	41	122
40/ 39																				19	53
38/ 37																				5	67
36/ 35																					48
34/ 33																					53
32/ 31																					25
30/ 29																					27
28/ 27																					20
26/ 25																					4
24/ 23																					5
22/ 21																					2
TOTAL	.6	9.3	12.3	18.5	20.6	17.5	12.1	5.1	2.4	.9	.6								902		901
																		901		901	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: <10 F	<32 F	<67 F	>73 F	>80 F	>93 F	Total
Rel. Hum.	3377849	53217	59.1	16.146	901							
Dry Bulb	3044005	52015	57.7	7.027	902			10.1	3.5			93
Wet Bulb	2286573	45141	50.1	5.267	901							93
Dew Point	1669851	38259	42.5	7.092	901		8.6					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAY

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Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL	TOTAL		
80/ 79											.1							1	1		
78/ 77							.2	.3	.1	.1								7	7		
76/ 75						.1		1.0	.3	.1								14	14		
74/ 73						.1	.4	.4	.7									15	15		
72/ 71					.1	.5	.8	.9	.5	.3								29	29		
70/ 69					.2	.4	.7	.8	.8	.4								30	30		
68/ 67					.4	.5	.5	.2	.8									23	23		
66/ 65				.3	.8	.8	1.0	.5		.1								32	32	3	
64/ 63			.4	.7	1.6	4.2	1.8	.8	.2	.3	.1							92	92	5	
62/ 61			.7	.5	1.9	1.8	1.2	.4	.1									60	60	27	
60/ 59		.4	.7	2.2	3.1	4.8	2.0	.7										126	126	40	3
58/ 57		.7	1.1	2.4	2.3	2.2	1.3	.1										92	92	46	10
56/ 55	.1	.9	1.5	1.6	3.0	1.3	1.3											89	89	69	21
54/ 53		.9	1.6	2.2	2.6	1.4	.4											84	84	113	23
52/ 51	.1	2.3	2.6	2.7	2.4	1.5	.1											108	109	120	57
50/ 49		.5	1.5	1.1	.8	.4	.2											42	42	123	55
48/ 47		2.1	.2	.8		.3												31	31	135	88
46/ 45		1.4	.3	.4	.2	.1												23	23	121	120
44/ 43			.4															4	4	53	90
42/ 41		.1	.2															3	3	29	122
40/ 39		.3	.1															4	4	12	72
38/ 37	.1																	1	1	10	64
36/ 35																				2	39
34/ 33																					48
32/ 31																					20
30/ 29																					24
28/ 27																					19
26/ 25																					7
24/ 23																					2
22/ 21																					4
20/ 19																					2
TOTAL	.3	9.7	11.5	15.1	19.5	20.7	12.0	6.2	3.5	1.4	.2								911		910
																		910		910	

Element X	Σx	Σx²	x̄	σx	No. Obs	Mean No. of Hours with Temperature						
						<32°F	>32°F	>50°F	>65°F	>70°F	>75°F	Total
Ref. Hum.	3322792	52892	58.116	6.536	910							
Dry Bulb	3130432	52990	58.2	7.276	911			12.1	3.8			93
Wet Bulb	2330113	45791	50.3	5.340	910							93
Dew Point	1685811	38635	42.5	7.077	910		8.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAY

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Dry Bulb °F	WET BULB TEMPERATURE DEPRESSION (F) 1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Pt.	TOTAL Wet Bulb
78/ 77						.1											1	1		
76/ 75						.1											1	1		
74/ 73					.2	.3											5	5		
72/ 71			.1		.1	.6		.2									9	9		
70/ 69				.4	.8	.8	.3	.1									22	22		
68/ 67				.3	.6	.2	.2	.1									13	13		
66/ 65			.4	.4	1.2	.8	.3	.1									30	30	3	
64/ 63		.1	1.1	1.8	1.8	.6	.2	.1									51	51	2	
62/ 61	.1	.9	.8	2.0	1.0	.6	.1	.1									50	50	14	1
60/ 59	.1	1.5	3.5	2.8	1.9	1.2	.3										103	103	24	1
58/ 57	.9	1.8	2.6	2.2	.9	.4	.1										81	81	36	8
56/ 55	.1 1.1	2.3	3.1	3.1	1.2	.4											103	103	76	24
54/ 53	1.7	1.5	2.5	1.3	.7	.3											73	73	94	33
52/ 51	.4 2.4	3.8	3.2	1.4	.8	.1											110	110	109	61
50/ 49	1.7	4.5	2.0	.7	.3												83	83	113	68
48/ 47	2.8	3.0	1.8	1.2	.1												80	80	127	86
46/ 45	.1 3.0	2.1	1.2	.4													62	62	147	128
44/ 43	.7	.3	.6														14	14	56	100
42/ 41	.4	.7															10	10	57	133
40/ 39	.2	.1															3	3	19	75
38/ 37	.2																2	2	16	55
36/ 35																			1	39
34/ 33																				35
32/ 31																				21
30/ 29																				20
28/ 27																				15
26/ 25																				3
TOTAL	.9 15.0	22.6	23.0	18.1	11.5	6.5	1.7	.8										906		906
																	906		906	

Element	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Max	Min	Mean	Mean Max	Mean Min	Temperature Range	Mode
Dry Bulb	4209189	60219	66.5	15.110	906							
Dew Pt	2786451	49867	55.0	6.790	906			5.2	.7			93
Wet Bulb	2221212	44600	49.2	5.326	906							93
Vap Pres	1742823	39289	43.4	6.568	906		6.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAY

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Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Pt.	TOTAL Rel. Hum.
70/ 69							.1																										1	1		
66/ 65					.1		.2				.1																						4	4		
64/ 63			.1				.9																										9	9	1	
62/ 61					.2		.4		.4																								10	10	3	1
60/ 59			.2	1.5	2.0		.5																										39	39	2	2
58/ 57			.9	1.4	1.5		.3																										38	38	13	1
56/ 55		.4	3.0	3.1	2.1		.5																										83	83	33	16
54/ 53		.3	3.2	3.7	1.7		.5				.2																						89	89	58	28
52/ 51		1.0	3.8	5.7	1.3		1.0																										117	117	99	62
50/ 49		.2	4.3	5.1	1.3		.4																										104	104	105	67
48/ 47		.2	8.3	4.6	1.6		.2																										137	137	124	78
46/ 45		.4	8.7	5.2	1.5																												146	146	175	167
44/ 43		.1	3.1	1.3	1.1																												51	51	113	106
42/ 41			2.4	3.2	.1																												52	52	71	146
40/ 39			.9	.4	.1																												13	13	46	60
38/ 37		.2	.8	.2																													11	11	38	58
36/ 35		.1	1.0																														10	10	12	45
34/ 33			.1																														1	1	12	38
32/ 31																																				29
30/ 29																																				9
28/ 27																																				2
TOTAL		3.1	40.7	35.8	16.1		4.0				.3																							915		915
																																	915		915	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean Number of Hours with Temperature ≤ 0°F	>0°F	>32°F	>45°F	>53°F	>65°F	>75°F	Total
Dry Bulb	5892568	72772	79.5	10.7	915								
Dew Point	2289120	45488	49.7	5.5	915				.1				93
Wet Bulb	2014762	42680	46.6	5.1	915								93
Rel. Hum.	1760162	39764	43.5	5.9	915			4.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAY

PAG ALL

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	TOTAL DB WB		TOTAL Wet Bulb	Dew Pt
80/ 79									.0		.0	3			
78/ 77							.1	.0	.0	.0		11	[illegible]		
76/ 75						.0	.1	.1	.1	.0	.0	26	26		
74/ 73						.1	.2	.1	.1	.0	.0	39	40		
72/ 71				.0	.0	.1	.2	.2	.2	.0	.0	60	60		
70/ 69				.0	.1	.2	.3	.3	.1	.1		82	82		
68/ 67				.0	.1	.3	.2	.1	.2			72	72		
66/ 65			.0	.2	.3	.5	.4	.3	.0	.0		128	128	9	
64/ 63		.0	.1	.5	.7	1.3	.5	.3	.1	.1	.0	261	261	22	
62/ 61		.0	.3	.5	1.1	.6	.4	.1	.0			233	233	61	4
60/ 59	.0	.2	.9	1.8	1.5	1.5	.8	.2				508	508	108	20
58/ 57	.0	.6	1.2	1.7	1.1	.7	.5	.1				419	419	191	32
56/ 55	.1	1.4	1.7	1.9	1.6	.7	.4	.0				572	572	332	91
54/ 53	.2	2.5	2.2	1.9	1.1	.5	.2					624	624	576	179
52/ 51	.7	3.5	3.5	1.7	1.2	.5	.1					816	817	760	419
50/ 49	.3	3.7	3.1	1.3	.6	.2	.0					669	669	894	480
48/ 47	.3	5.9	2.9	1.4	.5	.1						818	818	981	646
46/ 45	.6	7.8	3.0	.8	.2	.0						900	900	1207	1171
44/ 43	.3	3.0	1.1	.4	.0							354	354	612	837
42/ 41	.5	2.7	1.2	.0								318	318	546	1159
40/ 39	.2	1.4	.3	.0								139	139	327	511
38/ 37	.4	.9	.1									104	104	238	579
36/ 35	.1	.8	.0									65	65	107	383
34/ 33	.1	.6	.0									53	53	84	342
32/ 31	.1	.2										20	20	36	179
30/ 29		.0										2	2	3	143
28/ 27															87
26/ 25															19
24/ 23															7
22/ 21															6
20/ 19															2
TOTAL	3.9	35.4	21.8	14.0	10.2	7.3	4.3	1.8	.9	.3	.1	7296	7298	7296	7296

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature					Total
Rel Hum	41626728	536960	73.6	17.095	7296						
Dry Bulb	19967592	377530	51.7	7.745	7298	2.2	30.0	8.2			744
Wet Bulb	16548723	344991	47.3	5.686	7296	4.0					744
Dew Point	13604298	311730	42.7	6.253	7296	45.2					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JUN
STATION NAME

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	WET BULB TEMPERATURE DEPRESSION F						TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10				
72/ 71					.1		1	1		
70/ 69				.2		.1	3	3		
68/ 67			.1	.5		.1	6	6		
66/ 65		.2	.3	.2			7	7	1	
64/ 63		.6	.9	.6			18	18	7	1
62/ 61		1.4	.8	.1			20	20	14	6
60/ 59	.1	2.9	2.2	.3			48	48	27	19
58/ 57	.2	6.1	2.5	.1			78	78	47	30
56/ 55	1.7	7.2	3.0	1.0	.2		115	115	95	66
54/ 53	1.0	9.6	5.4	.5	.1		145	145	115	96
52/ 51	.8	8.7	4.5	.3	.3		128	128	116	108
50/ 49	.5	7.3	2.4	.2			91	91	136	114
48/ 47	.5	8.5	2.1				96	96	120	103
46/ 45	.2	6.1	.6		.1		61	61	83	140
44/ 43		2.8	.3				27	27	62	64
42/ 41		2.1	.6				23	23	27	63
40/ 39		.2	.1				3	3	13	32
38/ 37		.2					2	2	6	15
36/ 35									3	5
34/ 33										7
32/ 31										1
30/ 29										1
28/ 27										1
TOTAL	5.0	63.9	25.8	4.1	.9	.2		872		872
							872		872	

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean No. of Hours with Temperature						
	6551003	75251	86.3	8.094	872							
	2427316	45772	52.5	5.326	872			1.0				90
	2236394	43936	50.4	5.101	872							90
	2077043	42261	48.5	5.562	872		.3					90

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036490 BRIZE NORTON RAF UK 73-82 JUN

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WET BULB TEMPERATURE DEPRESSION F

	1-2	3-4	5-6	7-8	TOTAL		TOTA	
66/ 65				.1	1	1		
64/ 63		.5	.5	.1	9	9		
62/ 61	.1	.5	.5	.1	10	10	7	4
60/ 59	.2	1.9	1.3	.1	31	31	15	9
58/ 57	.8	3.2	2.1	.1	54	54	33	26
56/ 55	1.3	8.6	1.0	.2	97	97	49	48
54/ 53	1.5	10.5	2.5	.1	129	129	133	69
52/ 51	1.0	9.5	3.9	.1	127	127	110	112
50/ 49	.9	7.8	4.0	.3	113	113	134	100
48/ 47	1.0	9.8	.9		103	103	135	107
46/ 45	1.0	9.0	.7		94	94	110	167
44/ 43	.8	3.5	.1		39	39	56	82
42/ 41	.6	4.8	.5		51	51	43	72
40/ 39	.2	.6	.1		8	9	32	43
38/ 37	.2	.6			7	7	10	21
36/ 35		.1	.1		2	2	6	5
34/ 33							1	6
32/ 31							1	3
28/ 27								1
TOTAL	9.7	70.9	18.1	1.4		875		875
					875		875	

	Σx^2	Σx	$\bar{x}$	σ_x	N. Obs		
	6976243	77891	89.0	6.975	875		
	2267063	44311	50.6	5.141	875		93
	2123423	42878	49.0	5.046	875	.1	93
	2003162	41600	47.5	5.389	875	.4	93

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WET BULB TEMPERATURE DEPRESSION (F)

		1-2	3-4	5-6	7-8	9-10	11-12	13-14	TOTAL D.B.	W.B.	TOTAL	
74/ 73						.2			2	2		
72/ 71					.2				2	2		
70/ 69			.1		.2				3	3		
68/ 67			.2	.1	.3			.1	7	7		
66/ 65		.3	.2	.6	.3	.2			15	15	2	
64/ 63		.6	.3	1.3	.2				21	21	11	4
62/ 61		.5	2.0	.7		.2			29	29	12	5
60/ 59	.1	3.2	4.5	1.6	.6	.6			92	92	24	13
58/ 57		4.9	5.3	2.3	.7	.1			116	116	56	22
56/ 55	.7	8.2	4.1	3.1	.5				144	145	97	79
54/ 53	.6	5.8	4.6	1.8	.3	.1			115	115	150	81
52/ 51	.6	6.2	6.2	1.3	.2				126	126	122	120
50/ 49	.7	4.9	4.0	.2	.1				87	87	170	106
48/ 47	.5	4.9	1.0	.5	.1				61	61	113	108
46/ 45	.1	2.8	1.0	.1					35	35	59	163
44/ 43	.1	.8	.1						9	9	36	60
42/ 41	.1	.1	.3						5	5	13	68
40/ 39											1	21
38/ 37											3	10
36/ 35												3
34/ 33												4
32/ 31												2
TOTAL	3.5	43.3	34.2	13.6	3.9	1.5		.1		870		869
									869		869	

	Σx²	Σx	x̄	σx	No. Obs	Mean No. of Hours with Temperature						
	5880621	70883	81.6	10.659	869							
	2592719	47299	54.4	4.943	870			1.4	.2			90
	2308808	44622	51.3	4.494	869							90
	2081946	42296	48.7	5.183	869		.2					90

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	WET BULB TEMPERATURE DEPRESSION F											TOTAL		TOTAL	
		1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	D.B.	W.B.		
86/ 85										.1		1	1		
84/ 83											.1	1	1		
82/ 81								.1		.2		3	3		
80/ 79							.1	.1	.1	.1	.1	5	5		
78/ 77						.1	.3	.1	.1		.2	6	8		
76/ 75					.2	.5	.1	.3			.1	11	11		
74/ 73				.3	.3	.6	.6	.6				21	21		
72/ 71					.6	.6	.5	.2	.2			18	18		
70/ 69			.1	.1	.5	.9	.6	.1	.1			21	21		
68/ 67			.2	.3	1.4	1.5	.5	.3	.2			39	39	10	
66/ 65			.1	1.3	1.8	.7	.5	.3				41	41	18	
64/ 63			.1	3.1	2.6	2.1	.6					74	74	18	7
62/ 61		.3	2.4	4.0	3.2	.8	1.2					104	104	33	8
60/ 59	.1	1.6	4.8	4.6	5.0	3.1	.3					170	170	53	21
58/ 57		3.7	2.5	3.2	3.1	.7						115	115	105	33
56/ 55	.1	2.3	2.2	3.7	3.0	.8						105	105	141	65
54/ 53		1.6	1.0	2.4	.8	.1	.1					53	53	130	87
52/ 51	.9	2.2	2.1	.2	.5	.1						52	52	134	122
50/ 49		.5	.6	.8	.1	.2						19	19	119	99
48/ 47		.1	.3	.1								5	5	68	86
46/ 45				.1								1	1	25	120
44/ 43														7	63
42/ 41		.1										1	1	6	77
40/ 39														1	31
38/ 37															26
36/ 35															10
34/ 33															6
32/ 31															3
30/ 29															3
28/ 27															1
TOTAL	1.2	12.4	16.6	24.4	23.2	12.8	5.3	2.3	.8	.5	.6	868	868	868	868

	Σx²	Σx	x̄	σx	No. Obs	Mean No. of Hours with Temperature						
	4036008	57844	66.6	14.459	868							
	3174081	52199	60.1	6.352	868			13.3	5.2	.9		90
Wet Bulb	2536797	46735	53.8	4.861	868			1.0				90
	2362848	41982	48.4	6.107	868		.7					90

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92/ 91														.1					1	1		
90/ 89													.2	.2					4	4		
88/ 87													.1	.1					2	2		
86/ 85												.1	.1	.2					4	4		
84/ 83													.1	.2	.1				4	4		
82/ 81								.2		.1	.2			.1	.1				7	7		
80/ 79							.1	.5	.6		.2	.2		.2					16	16		
78/ 77								.9	.5	1.3	.2			.1					26	26		
76/ 75							.7	.7	.6	.1	.2	.2							22	22		
74/ 73						.1	.7	2.2	.9	.5	.1	.1							40	40		
72/ 71						.5	.6	1.7	.9	.2									35	35		
70/ 69					.5	.8	2.0	.7	.5	.6	.3								46	46	7	
68/ 67						.9	1.2	.9	.6	.2									33	33	11	
66/ 65				.1	.8	1.4	2.5	1.8	.9										66	66	26	
64/ 63				.5	2.8	5.1	6.2	2.1	.5	.1									150	150	27	2
62/ 61			.8	1.7	2.4	3.8	2.3	2.8	.2										122	122	63	12
60/ 59	.1	2.0	3.0	1.8	3.8	2.5	.6												120	120	76	27
58/ 57		1.0	1.0	2.2	.8	1.6	.5												62	62	129	45
56/ 55	.1	1.2	.7	1.0	1.5	.3	.3												45	45	127	62
54/ 53	.1	1.3	.2	1.5	.3	.2	.1												33	33	136	67
52/ 51	.2	.6	.9	.5	.1	.1	.1												22	22	124	119
50/ 49		.2	.1	.1	.1														5	5	70	62
48/ 47																					45	84
46/ 45																					14	128
44/ 43																					6	57
42/ 41																					3	62
40/ 39																					1	32
38/ 37																						35
36/ 35																						12
34/ 33																						8
32/ 31																						3
30/ 29																						3
28/ 27																						3
26/ 25																						1

GLOBAL CLIMATOLOGY BRANCH
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036490     BRIZE NORTON RAF UK                              73-82                                      JUN
                          STATION NAME

                                                                                        PAGE 2    1200-1400

                              WET BULB TEMPERATURE DEPRESSION F                                TOTAL          TOTAL
          0   1-2  3-4  5-6  7-8  9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26

 22/ 21                                                                                                          1
TOTAL     .6  7.1  8.413.619.421.216.2  6.1   3.1   1.5   1.2   1.4    .2                         865          865
                                                                                           865          865


         Σx²          Σx      x̄    σx      No. Obs
          3146569     50361  58.215.671    865
          3582538     55304  63.9 7.349    865                          25.0  13.1   3.3                        90
          2669561     47855  55.3 5.051    865                           1.9                                    90
          2030392     41524  48.0 6.548    865                 1.1                                              90
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036490 BRIZE NORTON RAF UK 73-82 JUN

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	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	2	3	4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	D.B.	Wet B.	Dew Pt.
92/ 91												.1		.1				2		2		
90/ 89											.2	.2	.2					6		6		
86/ 85											.3		.3	.1	.2			9		9		
82/ 81							.1	.3	.3	.1	.1	.2						11		11		
80/ 79							.6	.2	.1									8		8		
78/ 77							.7	.5	.6	1.0	.3	.1						28		28		
76/ 75					.1	.1	2.1	1.5	.2	.9	.2							45		45		
74/ 73					.2	.2	2.1	1.6	.3	.1	.3							43		43		
72/ 71			.1	.1	.7	1.3	1.4	.9	.5									43		43		
70/ 69			.2	.2	1.0	.9	1.0	.2	.3									35		35	6	
68/ 67				.1	.7	1.8	1.3	.8	.3									44		44	14	
66/ 65				1.5	2.2	2.6	2.2	.9	.3									85		85	23	2
64/ 63		.2	.9	3.2	4.9	4.5	2.5	.8										149		149	37	4
62/ 61		1.1	.5	2.1	3.0	1.1	1.4	.2										82		82	78	9
60/ 59	.2	1.1	1.6	1.9	3.6	2.6	.9											105		105	84	29
58/ 57		1.6	1.3	1.6	1.1	1.5	.3	.2										67		67	127	37
56/ 55		1.3	1.0	1.3	1.5	.2	.1	.1										48		48	117	75
54/ 53	.3	1.4	1.4	1.0	.2													38		38	140	87
52/ 51	.1	1.1	.6	.5	.1													21		21	112	100
50/ 49																					76	82
48/ 47																					44	97
46/ 45																					6	119
44/ 43		.1																1		1	4	59
42/ 41		.2																2		2	3	73
40/ 39																					1	40
38/ 37																						32
36/ 35																						12
34/ 33																						7
32/ 31																						3
30/ 29																						2
28/ 27																						2
24/ 23																						1
TOTAL	.7	8.3	7.6	13.5	19.4	17.0	16.6	8.4	3.1	2.2	1.6	.7	.5	.2	.2				872			872
																		872			872	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean Number of Hours in Temperature						
						°32F	°32F	°32F	°32F	°32F	°32F	Total
Dry Bulb	3168927	50575	58.0	16.4	872							
Wet Bulb	3677639	56229	64.5	7.7	872			28.3	15.7	3.4		90
Dew Point	2725624	48554	55.7	5.0	872			2.1				90
	2066774	42078	48.3	6.4	872		.8					90

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Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL DB	TOTAL WB	TOTAL Dew	TOTAL Rel H
90/ 89																	.1				.1						2	2		
88/ 87															.1		.2										3	3		
86/ 85															.2		.1										3	3		
84/ 83													.1										.1				2	2		
82/ 81											.2		.1														3	3		
80/ 79							.2		.1		.2				.1						.1						7	7		
78/ 77						.1	.2		.5		.5		.2				.1										14	14		
76/ 75						.6	.3		.2		.2		.1														13	13		
74/ 73				.1	.5	.1	1.4		.6		.3		.3		.1												30	30		
72/ 71				.2	1.1	1.2	.9		.3		.2																36	36		
70/ 69			.1	.5	1.2	1.7	1.2		.3		.2		.1														48	48		
68/ 67			.3	.2	1.5	1.0	.2		.1		.1																31	31	14	
66/ 65		.1	.5	1.4	1.7	1.5	1.5		.1				.1														60	60	20	
64/ 63		.6	.9	4.1	3.6	2.5	1.5		.1																		117	117	29	3
62/ 61		.5	2.2	2.6	3.2	.7	.3		.1																		84	84	66	16
60/ 59	.2	2.3	2.4	4.3	3.2	1.8	.2		.1																		128	128	72	30
58/ 57	.1	2.2	1.6	3.0	1.7	1.6	.1																				90	90	126	36
56/ 55	.6	2.0	2.4	2.8	1.7		.1																				85	85	123	104
54/ 53	.3	1.9	1.7	2.0	.7	.1																					60	60	134	89
52/ 51	.2	1.4	1.6	1.2	.2																						41	41	113	104
50/ 49	.1	1.0	.6																								15	15	101	97
48/ 47			.5		.1																						5	5	62	96
46/ 45			.1																								1	1	12	117
44/ 43																													4	45
42/ 41		.1	.1																								2	2	2	78
40/ 39																													2	29
38/ 37																														19
36/ 35																														6
34/ 33																														5
32/ 31																														2
30/ 29																														3
28/ 27																														1
TOTAL	1.6	12.0	14.9	22.5	20.5	13.0	8.3		2.6		2.0		1.1		.6		.6				.2		.1				880	880	880	880

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean Number of Hours with Temperature											
Dry Bulb	3962251	57409	65.215	9.713	880												
Wet Bulb	3400593	54327	61.7	7.289	880						19.6	7.9	1.9				90
Dew Point	2674273	48309	54.9	5.034	880						1.4						90
Rel Humidity	2153349	43199	49.1	6.101	880					.6							90

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WET BULB TEMPERATURE DEPRESSION F

Temp												TOTAL		TOTAL	
80/ 79								.1				1	1		
78/ 77							.1		.1			2	2		
76/ 75						.1	.2	.1				4	4		
74/ 73					.2	.1					.1	4	4		
72/ 71				.1	.5	.1	.1					7	7		
70/ 69			.1	.1	.3	.1		.1				7	7		
68/ 67			.5	.7	.9	.2						20	20	2	
66/ 65			.9	.5	.5	.6		.1				22	22	6	
64/ 63		1.4	1.6	1.5	.3	.2	.1	.1				46	46	19	2
62/ 61		.6	2.3	1.5	1.3	.5						53	53	35	14
60/ 59	.1	3.3	5.0	2.3	1.5	.1	.3					111	111	36	34
58/ 57	.2	4.8	3.9	2.8	.7	.1						110	110	75	35
56/ 55	.9	7.3	4.0	3.9	.3	.1						145	145	121	79
54/ 53	.1	3.8	4.8	1.8	.3							95	95	127	97
52/ 51	.7	4.4	5.9	1.0	.1							107	107	124	117
50/ 49	.1	4.8	3.2	.7								77	77	154	83
48/ 47	.2	1.7	2.2	.3								39	39	93	111
46/ 45		1.4	.8									19	19	51	144
44/ 43		.5	.1	.3								8	8	19	61
42/ 41			.2									2	2	11	57
40/ 39														4	19
38/ 37														2	12
36/ 35															8
34/ 33															5
32/ 31															1
TOTAL	2.4	33.8	35.4	17.5	6.9	2.3	.9	.6	.1		.1		879		879
												879		879	

Element x	Σx²	Σx	x̄	σx	No. Obs					
Rel Hum	5529762	68972	78.5	11.582	879					
Dry Bulb	2797925	49333	56.1	5.763	879		4.6	1.1	.1	90
Wet Bulb	2440540	46114	52.5	4.927	879		.2			90
Dew Point	2159320	43290	49.2	5.579	879	.1				90

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Temp. (°F)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91																						.0				.0						3	3	
90/ 89																				.1		.1		.0		.0						12	12	
88/ 87																				.0		.0										5	5	
86/ 85																		.0		.1		.0		.0		.0		.0				17	17	
84/ 83																		.0		.0		.0		.0				.0				7	7	
82/ 81												.0		.1		.1		.1		.0		.0		.0								24	24	
80/ 79										.0		.2		.1		.1		.0		.1		.0				.0						37	37	
78/ 77										.0		.3		.2		.3		.2		.1		.0										78	78	
76/ 75								.0		.2		.4		.3		.1		.2		.1												95	95	
74/ 73						.1		.2		.2		.8		.5		.1		.1		.1												140	140	
72/ 71					.0	.1		.5		.5		.6		.3		.1																142	142	
70/ 69					.1	.2		.5		.7		.4		.2		.2		.1														163	163	13	
68/ 67					.2	.2		.7		.7		.4		.2		.1																180	180	51	
66/ 65			.1		.3	.8		1.0		1.0		.7		.3		.0		.0														297	297	96	2
64/ 63			.5		.7	2.1		2.1		1.9		.8		.2		.0																584	584	148	23
62/ 61		.0	.7		1.5	1.7		1.8		.7		.7		.1																		504	504	308	74
60/ 59		.2	2.3		3.1	2.1		2.2		1.3		.3		.0																		805	805	387	182
58/ 57		.2	3.4		2.5	1.9		1.0		.7		.1		.0																		692	692	698	264
56/ 55		.7	4.8		2.3	2.1		1.1		.2		.1		.0																		784	785	870	578
54/ 53		.5	4.5		2.7	1.4		.4		.1		.0																				668	668	1065	673
52/ 51		.6	4.3		3.2	.6		.2		.0		.0																				624	624	955	902
50/ 49		.3	3.3		1.9	.3		.0		.0																						407	407	960	763
48/ 47		.3	3.1		.9	.1		.0																								309	309	680	792
46/ 45		.2	2.4		.4	.0		.0																								211	211	360	1398
44/ 43		.1	1.0		.1	.0																										84	84	194	491
42/ 41		.1	.9		.2																											86	86	108	570
40/ 39		.0	.1		.0																											11	11	55	247
38/ 37		.0	.1																													9	9	21	170
36/ 35			.0		.0																											2	2	9	61
34/ 33																																		1	48
32/ 31																																		1	18
30/ 29																																			12
28/ 27																																			9
26/ 25																																			1

Extreme: $\Sigma x'$ Σx $\bar{x}$ σ_x N Obs Max. N. Consecutive Temperature

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JUN

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	WET BULB TEMPERATURE DEPRESSION (F)																																						TOTAL	TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37		
24/ 23																																								1
22/ 21																																								1
TOTAL	3.	131.	520.	113.	81	1.8	8.5	5.9	2.5	1.1	.7	.5	.3	.1	.1	.0																							6981	6980
																																							6980	6980

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean Dew Point Temperature					
	39251364.	509206.	73.017	.362.	6980						
	23919874.	404774.	58.0	8.031.	6981			93.1.	43.1	9.7.	720
	19715417.	369003.	52.9.	5.457.	6980		.1.	6.6.			720
	16634834.	338250.	48.5	5.908.	6980		4.3				720

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	WET BULB TEMPERATURE DEPRESSION F								TOTAL		TOTAL	
		1-2	3-4	5-6	7-8	9-10	11-12	13-14				
70/ 69				.1	.1		.1	.1	4	4		
68/ 67			.2	.2	.1	.1	.2		8	8		
66/ 65		.4	.2	.2	.3	.2			13	13		
64/ 63	.3	1.8	1.7	.3	.1	.2	.1		41	41	12	5
62/ 61	.7	3.3	1.8	1.2	.1		.1		65	65	29	15
60/ 59	.5	7.0	6.4	1.6	.1				140	140	70	40
58/ 57	.3	8.6	5.2	2.2	.1				148	148	98	70
56/ 55	.7	10.7	6.6	1.3					173	173	160	93
54/ 53	.2	8.4	5.5	.7					132	132	175	156
52/ 51	.6	5.1	3.5						82	82	150	145
50/ 49		3.5	2.1						50	50	84	133
48/ 47	.1	3.0	.2						30	31	77	133
46/ 45		1.0							9	9	29	66
44/ 43		.1							1	1	2	40
42/ 41												10
TOTAL	3.5	53.0	33.4	7.9	1.0	.6	.5	.1		897		896
									896		896	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs		
	6511448	75978	84.8	8.765	896		
	2844956	50370	56.2	4.290	897	1.2	93
	2591445	48053	53.6	4.002	896		93
	2401031	46213	51.6	4.422	896		93

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036490 BRIZE NORTON RAF UK 73-82 JUL

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	WET BULB TEMPERATURE DEPRESSION F						TOTAL		TOTAL	
	0	1 2	3 4	5 6	7 8	9 10	D.B.	W.B.		
68/ 67				.1			1	1		
66/ 65		.1	.2				3	3		
64/ 63	.3	1.9	.2		.1	.1	24	24	6	5
62/ 61	.3	1.5	.7	.2	.3		28	28	24	14
60/ 59	.7	8.2	2.9	.7	.3	.3	118	118	27	34
58/ 57	.4	9.1	3.7	.8	.1		127	127	81	44
56/ 55	1.7	9.7	4.1	.3			143	143	127	96
54/ 53	1.3	10.2	4.0	.3			143	143	168	117
52/ 51	1.5	10.4	2.0				126	126	167	150
50/ 49	.8	5.5	.9				65	66	123	116
48/ 47	.3	8.6	.3				84	84	86	128
46/ 45	.3	3.4					34	34	71	120
44/ 43	.2	.4					6	6	17	56
42/ 41	.1	.1					2	2	5	22
TOTAL	9.1	69.2	18.9	2.4	.9	.4		905		904
							904		904	

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7069821	79655	88.1	7.523	904							
Dry Bulb	2670609	49031	54.1	4.395	905			.1				93
Wet Bulb	2484911	47241	52.3	4.236	904							93
Dew Point	2343144	45842	50.7	4.525	904							93

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	WET BULB TEMPERATURE DEPRESSION °F							TOTAL		TOTAL	
	0	1	2	3	4	5	6				
72/ 71					.1		.1	2	2		
70/ 69				.1	.2			3	3		
68/ 67			.2	.1	.1	.3		7	7		
66/ 65		.2	1.0	1.1				21	21		
64/ 63	.2	1.4	1.8	2.1	1.0	.2		59	59	10	2
62/ 61	.1	3.0	3.3	1.7	.7	.2		79	79	35	12
60/ 59	.9	7.3	8.6	3.7	1.6	.1		194	194	68	48
58/ 57	.8	6.8	5.4	3.1	.6			146	146	118	75
56/ 55	1.0	7.5	5.5	2.9	.1			149	150	156	114
54/ 53	.7	6.1	5.6	.8				115	115	170	122
52/ 51	.9	3.5	2.1	.3				60	60	172	135
50/ 49	.1	2.2	.6					25	25	99	123
48/ 47	.1	1.1						11	11	35	113
46/ 45	.2	.2						4	4	12	97
44/ 43	.1							1	1	1	25
42/ 41											10
TOTAL	5.3	39.4	34.0	15.9	4.5	.9	.1		877		876
								876		876	

	Σx^2	Σx	$\bar{x}$	σ_x	N		
	6013157	72015	82.2	10.303	876		
	2833187	50155	57.2	4.118	877	1.3	53
	2579520	47424	54.1	3.723	876		93
	2354939	45263	51.7	4.302	876		53

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036490 BRIZE NORTON RAF UK 73-82 JUL

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	WET BULB TEMPERATURE DEPRESSION F												TOTAL	TOTAL		
84/ 83											.2	.1	3	3		
82/ 81									.1		.1		2	2		
80/ 79									.1	.1	.1		3	3		
78/ 77							.3	.2	.3	.1	.2		11	11		
76/ 75						.4	.1	.4	.1				10	10		
74/ 73				.1	.3	1.0	.7	.2	.1				22	22		
72/ 71					1.0	.8	.8	.1					24	24		
70/ 69			.1	1.1	1.3	1.3	1.6	.1					50	50		
68/ 67			.8	1.4	2.9	1.8	.6			.1			68	68	2	
66/ 65		.3	.9	2.7	2.8	2.2	1.1	.2					92	92	17	
64/ 63		1.6	2.3	6.7	4.7	3.9	.8	.1					180	180	60	10
62/ 61		2.0	3.8	3.9	5.0	1.6	.2						148	148	89	20
60/ 59	.2	4.2	3.4	4.6	4.8	1.2							166	166	125	74
58/ 57		1.2	3.2	1.8	1.2	.1							68	68	184	63
56/ 55	.1	1.1	1.8	1.3	.2								41	41	139	110
54/ 53		.4	.8	.1									12	12	146	99
52/ 51			.1										1	1	96	122
50/ 49															37	104
48/ 47															4	76
46/ 45																98
44/ 43																45
42/ 41																33
40/ 39																4
38/ 37																2
36/ 35																1
TOTAL	.3	10.9	17.2	23.6	24.2	14.3	6.1	1.4	.8	.3	.7	.1	901	901	901	901

	Σx	Σx	x	σx	No. Obs				
	4225763	60477	67.1	13.599	901				
	3523442	56948	63.2	5.167	901	19.9	5.3	.8	93
	2916574	51140	56.8	3.931	901	.2			93
	2422440	46460	51.6	5.236	901				93

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036490 BRIZE NORTON RAF UK 73-82 JUL

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WET BULB TEMPERATURE DEPRESSION																	TOTAL		TOTAL	
92/ 91															.1	.1	2	2		
90/ 89													.1				1	1		
88/ 87											.1	.3	.3				7	7		
86/ 85											.5	.1	.1	.1			7	7		
84/ 83									.1		.1		.2				4	4		
82/ 81									.2	.2	.1	.1					6	7		
8 / 79							.1	.5	.6	.1	.1						12	12		
78/ 77						.2	1.1	.7	.9	.1	.1						28	28		
76/ 75					.1	.9	1.4	.8	.7	.2							36	36		
74/ 73				.1	.8	.7	1.7	1.7	.8	.1							52	52		
72/ 71				.3	1.0	.9	2.6	1.3			.1						55	56		
70/ 69			.5	.8	2.2	3.4	2.7	.5	.5	.1							93	93		
68/ 67			.1	1.0	2.9	3.8	2.1	.5									90	90	11	
66/ 65		.9	.7	2.3	3.8	2.6	2.6	.8									120	120	52	
64/ 63		.9	.6	3.3	5.0	5.3	1.7										147	147	69	18
62/ 61		1.4	2.2	1.5	4.1	1.6	.6	.1									100	100	106	18
6 / 59		1.8	1.9	1.5	2.7	.8	.1	.1									79	79	150	51
58/ 57		.9	.8	.6	.1												21	21	166	67
56/ 55			.7	.8													13	13	124	101
54/ 53		.1															1	1	109	86
52/ 51																			69	125
50/ 49																			13	102
48/ 47																			3	91
46/ 45																				112
44/ 43																				40
42/ 41																				51
40/ 39																				5
38/ 37																				2
34/ 33																				2
32/ 31																				1
30/ 29																				1
TOTAL	6.1	7.4	12.2	22.8	20.3	16.8	6.9	3.8	.9	1.1	.5	.3	.2	.1			874	876	874	874

	Σx	Σx	$\bar{x}$	σ_x	N					
	3159921	50997	58.3	14.530	874					
	3959955	58641	66.9	6.272	876		41.9	16.5	3.8	93
	2957726	50718	58.0	4.086	874		1.2			93
	2298321	44557	51.0	5.545	874	.2				93

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036490 BRIZE NORTON RAF UK 73-82 JUL

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	WET BULB TEMPERATURE DEPRESSION F													TOTAL		TOTAL	
92/ 91											.1		.3	4	4		
90/ 89											.2	.4		6	6		
88/ 87										.2	.1	.3	.2	8	8		
86/ 85										.1		.1	.1	3	3		
84/ 83									.1	.2	.2	.1		6	6		
82/ 81							.2	.3	.1					6	6		
80/ 79						.2	1.0	.6	.2					18	18		
78/ 77				.1	.2	.6	1.2	1.9	.2	.1				39	40		
76/ 75				.2	.8	1.9	1.8	.6	.2	.1				50	50		
74/ 73			.3	.3	1.0	2.5	3.6	1.0	.2					84	84		
72/ 71			.2	1.2	1.2	2.6	.6	.2						56	58		
70/ 69			1.1	2.8	1.9	2.7	.8	.2						85	85	2	
68/ 67		.1	.3	2.5	5.0	2.8	.7	.1						104	104	17	
66/ 65	.4	.8	2.2	2.4	3.5	3.1	.8							120	120	46	1
64/ 63	.6	.6	2.8	4.1	5.3	2.1	.1							140	140	77	7
62/ 61	1.2	1.8	1.4	2.7	1.4	.7	.1							84	84	136	16
60/ 59	1.9	.7	1.5	1.1	.3	.1								51	51	150	47
58/ 57	1.1	.7	.7	.1										23	23	183	81
56/ 55	1.0	.3	.3											15	15	115	103
54/ 53		.1												1	1	123	104
52/ 51																44	117
50/ 49																11	114
48/ 47																1	99
46/ 45																	117
44/ 43																	44
42/ 41																	36
40/ 39																	9
38/ 37																	9
32/ 31																	1
TOTAL	6.2	5.0	10.9	17.6	20.7	19.6	11.0	4.9	1.1	.8	.7	1.0	.7		906		905
														905		905	

	Σx	Σx	x̄	σx	No. Obs					
	3073886	51020	56.4	14.785	905					
	4222231	61565	68.0	6.542	906		48.5	23.1	4.2	93
	3099759	52843	58.4	3.971	905		2.0			93
	2372480	46048	50.9	5.301	905	.1				93

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	WET BULB TEMPERATURE DEPRESSION F														TOTAL		TOTAL	
	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26				
90/ 89													.2		2	2		
88/ 87													.1		1	1		
86/ 85												.1		.1	2	3		
84/ 83											.2	.1	.1		4	4		
82/ 81							.1		.3	.1		.1			6	7		
80/ 79						.1		.2	.2	.1					6	6		
78/ 77							.7	1.0	.6	.3					23	23		
76/ 75					.1	.7	.9	.2	.1	.1					19	20		
74/ 73				.2	.2	.9	1.1	1.1	.1						33	33		
72/ 71				.2	.9	1.7	2.0	.9							51	51		
70/ 69			.2	.8	1.6	3.0	2.0	.1	.1						70	70	2	
68/ 67			.2	2.1	2.4	3.3	.8	.2	.1						81	81	4	
66/ 65		.2	1.4	2.9	3.8	2.6	.9								104	104	30	1
64/ 63		.6	1.4	6.1	5.0	3.4	1.2								156	156	63	7
62/ 61		1.4	2.5	2.1	4.0	1.2	.3								102	102	110	16
60/ 59	.3	4.0	2.9	4.5	2.4	1.1	.2	.1							138	138	154	68
58/ 57	.1	1.0	1.6	1.9	.5										45	45	180	60
56/ 55		1.0	2.0	.6											32	32	122	125
54/ 53		.3	.6												8	8	119	92
52/ 51		.2													2	2	81	144
50/ 49																	17	97
48/ 47		.1													1	1	3	115
46/ 45																	1	77
44/ 43																		25
42/ 41																		29
40/ 39																		5
38/ 37																		3
36/ 35																		1
34/ 33																		1
TOTAL	.5	8.8	12.8	21.6	20.8	18.1	10.3	4.0	1.6	.7	.2	.3	.5	.1		889		886
															586		896	

Σx^2	Σx	$\bar{x}$	σ_x	NO. OBS				
3818402	56740	64.0	14.448	886				
3787563	57771	65.0	6.129	889	31.5	10.4	2.1	93
2949165	50997	57.6	3.955	886	.6			93
2326585	45867	51.8	4.999	886				93

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	WET BULB TEMPERATURE DEPRESSION F									TOTAL		TOTAL	
	0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	D.B.	W.B.	W.B.	D.P.
78/ 77							.1	.1	.2	4	4		
76/ 75							.1			1	1		
74/ 73			.1		.3	.2	.2	.2	.1	11	11		
72/ 71					.3	.3	.1	.2		9	9		
70/ 69				.2	.4	.2	.1			9	9	1	
68/ 67			.4	.6	1.2	.2				22	22		1
66/ 65		.4	.9	2.0	.8	.9	.1			46	46	5	
64/ 63		1.9	3.6	4.5	.4	.3	.1			97	97	26	4
62/ 61	.1	2.2	5.7	3.6	1.2	.1				116	117	62	13
60/ 59	.4	7.2	10.7	4.7	1.9	.1				223	223	94	71
58/ 57	.1	5.4	5.2	3.7	.6					133	133	163	86
56/ 55	.3	3.5	5.7	3.0	.2					114	114	183	130
54/ 53		2.0	3.7	1.6	.1					66	66	172	122
52/ 51		1.2	1.6	.4						29	29	131	137
50/ 49		.4	.4							8	8	76	95
48/ 47		.3								3	3	23	108
46/ 45												5	81
44/ 43													25
42/ 41													15
40/ 39													1
38/ 37													2
TOTAL	1.0	24.7	38.0	24.4	7.6	2.5	.9	.6	.3		892		891
										891		891	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs			
	5444925	68989	77.4	10.768	891			
	3167599	52993	59.4	4.657	892	5.8	1.7	93
	2744249	49323	55.4	3.949	891	.1		93
	2439712	46444	52.1	4.594	891	.1		93

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DB/WB	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	TOTAL			
	WET BULB TEMPERATURE DEPRESSION F																								
92/ 91																	.0		.1	.0		6	6		
90/ 89																	.0	.1				9	9		
88/ 87																.0	.1	.1	.0			16	16		
86/ 85																.1	.0	.0	.0			12	13		
84/ 83														.0	.0	.1	.1	.1				17	17		
82/ 81											.0	.0	.1	.1	.0	.0						20	22		
80/ 79									.0	.0	.2	.2	.1	.0								39	39		
78/ 77							.0	.1	.4	.4	.4	.5	.1	.1								105	106		
76/ 75							.1	.4	.5	.4	.2	.2	.1	.0								116	117		
74/ 73					.0	.1	.3	.5	.8	.9	.3	.3										202	202		
72/ 71						.1	.6	.6	1.1	.4	.0			.0								199	200		
70/ 69					.1	.5	1.1	1.2	1.1	.2	.1	.0										314	314	5	
68/ 67					.3	.7	1.5	1.8	.8	.2	.0	.0										381	381	34	1
66/ 65				.4	.8	1.7	1.7	1.5	1.0	.2												519	519	150	2
64/ 63		.1	1.3	1.5	3.2	2.6	2.3	.8	.0													844	844	325	58
62/ 61		.2	2.0	2.7	2.0	2.3	.8	.2	.0													722	723	591	124
60/ 59		.4	5.2	4.7	2.8	1.9	.5	.1	.0													1109	1109	638	433
58/ 57		.2	4.3	3.2	1.8	.4	.0															711	711	1175	566
56/ 55		.5	4.3	3.3	1.3	.1																580	581	1126	872
54/ 53		.3	3.4	2.5	.4	.0																478	478	1134	898
52/ 51		.4	2.6	1.1	.1																	300	300	920	1075
50/ 49		.1	1.5	.5																		148	149	460	864
48/ 47		.1	1.7	.1																		129	130	232	853
46/ 45		.1	.6																			47	47	118	788
44/ 43		.0	.1																			8	8	20	302
42/ 41		.0	.0																			2	2	5	206
40/ 39																									25
38/ 37																									18
36/ 35																									1
34/ 33																									4
32/ 31																									2
30/ 29																									1
TOTAL		2.3	27.4	20.8	14.8	12.4	9.7	6.8	3.0	1.4	.4	.4	.2	.3	.1	.0							7143		7133
																						7133		7133	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs					
	39317343	515871	72.3	16.782	7133					
	27159542	437444	61.2	7.198	7143		150.2	57.0	10.9	744
	22323349	397739	55.8	4.513	7133		4.1			744
	19026712	366754	51.4	4.904	7133	.3	.1			744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 AUG

	WET BULB TEMPERATURE DEPRESSION F							TOTAL		TOTAL	
	1	2	3 4	5 6	7 8	9 10	11 12				
76/ 75						.1		1	1		
74/ 73					.1			1	1		
70/ 69			.2					2	2		
68/ 67			.2	.2	.1			5	5	1	
66/ 65		.6	.5	.1	.2		.1	15	15	4	2
64/ 63		3.4	.8	.8	.1	.5		49	49	15	7
62/ 61	.5	5.1	1.5	1.5	.2			77	77	44	22
60/ 59	1.1	10.7	5.1	2.0	.3	.1		171	171	76	71
58/ 57	1.3	10.2	3.7	1.0	.6			146	146	131	71
56/ 55	1.6	9.5	4.5	.7				144	144	161	140
54/ 53	.5	5.8	4.3	.2				95	96	148	124
52/ 51	.1	6.4	2.5					79	79	109	123
50/ 49		4.0	1.5	.1				49	49	94	92
48/ 47	.1	3.3	.3					33	33	56	105
46/ 45		1.2	.1					12	12	30	69
44/ 43		.1						1	1	10	39
42/ 41		.1						1	1	2	13
40/ 39											3
TOTAL	4.9	60.6	25.3	6.7	1.7	.7	.1		882		881
								881		881	

	Σx²	Σx	x̄	σ_x	NO OBS			
REL HUM	6564269	75661	85.9	8.669	881			
DRY BULB	2529301	49797	56.5	4.495	882	.9	.2	93
WET BULB	2598928	47594	54.1	4.390	881	.1		93
DEW POINT	2423368	46014	52.2	4.849	881			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 AUG

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	WET BULB TEMPERATURE DEPRESSION (F)						TOTAL		TOTAL	
74/ 73					.1		1	1		
70/ 69			.1				1	1		
68/ 67			.1				1	1		
66/ 65									2	
64/ 63	.1	2.4	.7				29	29	4	3
62/ 61	.4	3.5	.4	.2			42	42	37	15
60/ 59	2.4	9.0	3.4	.2	.2	.1	139	139	57	69
58/ 57	1.4	12.2	2.9	.6	.2		138	138	93	71
56/ 55	2.5	10.9	2.3	.9			151	151	149	112
54/ 53	1.1	8.2	2.4	.2			108	108	165	129
52/ 51	1.2	7.6	1.9				97	97	110	130
50/ 49	.4	6.4	.6				67	67	117	79
48/ 47	1.0	5.4	.8	.1			66	66	77	113
46/ 45	.5	3.6	.1				39	39	54	111
44/ 43	.7	1.8					22	22	26	37
42/ 41		.4					4	4	12	29
40/ 39									2	6
38/ 37										1
TOTAL	11.9	69.5	15.7	2.2	.6	.1		905		905
							905		905	

	Σx²	Σx	x̄	σx	No. Obs			
	7323784	81158	89.7	7.114	905			
	2700493	49247	54.4	4.778	905	.3	.1	93
	2540662	47762	52.8	4.705	905			93
	2418262	46568	51.5	4.938	905			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 AUG

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	WET BULB TEMPERATURE DEPRESSION F										
		1-2	3-4	5-6	7-8	9-10	11-12	TOTAL		TOTAL	
74/ 73						.1		1	1		
70/ 69			.2		.1			3	3		
68/ 67			.1	.1				2	2		
66/ 65		.3	.6	.3	.1	.1		13	13	3	
64/ 63		3.6	1.3	.7	.1	.1	.1	52	52	9	5
62/ 61	.3	4.2	2.4	1.0	.6			75	75	52	24
60/ 59	1.3	9.6	7.4	1.5	.6			178	178	65	71
58/ 57	1.3	9.8	3.6	1.8	.1			146	146	112	73
56/ 55	2.0	10.2	3.9	1.1				152	152	185	125
54/ 53	1.4	6.7	2.7	.3				98	98	163	142
52/ 51	.8	5.3	1.4	.1				67	67	176	144
50/ 49	.5	3.3	1.1	.1				44	44	31	88
48/ 47	.7	1.9						23	23	48	98
46/ 45	.2	1.8	.1					19	19	25	73
44/ 43		.2						2	2	4	23
42/ 41	.1	.3						4	4	5	8
40/ 39										1	5
TOTAL	8.5	57.5	24.8	7.2	1.6	.3	.1		879		879
								879		879	

Element X	Σx²	Σx	x̄	σx	No. Obs				
Rel. Hum.	6673432.	76226.	86.7	8.877	879				
Dry Bulb	2810124.	49542.	56.4	4.509	879	.6	.1		93
Wet Bulb	2592981.	47597.	54.1	4.222	879				93
Dew Point	2430426.	46050.	52.4	4.516	879				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 AUG

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	WET BULB TEMPERATURE DEPRESSION F											TOTAL		TOTAL	
86/ 85										.1		1	1		
84/ 83									.1			1	1		
82/ 81								.2				2	2		
80/ 79											.1	1	1		
78/ 77						.1	.2	.3		.3	.1	10	10		
76/ 75					.1	.1	.4	.4			.1	11	11		
74/ 73				.1	.4	.3	.3	.4	.2	.1	.1	19	19		
72/ 71			.1	.3	.9	.3	.2	.6				22	22		
70/ 69		.1	.3	.7	1.3	1.3	1.0		.2			45	45	1	
68/ 67			.7	1.2	2.3	2.3	.2					61	61	9	
66/ 65		.9	2.7	2.5	3.2	2.2	.9					111	111	16	2
64/ 63	.1	2.3	2.8	6.4	5.2	3.1	.2	.1				182	182	56	16
62/ 61		2.0	4.0	5.2	5.0	.9	.3	.1				158	158	94	27
60/ 59	.1	4.0	5.5	4.5	3.3	.4	.1					161	161	113	64
58/ 57	.1	1.9	2.2	1.9	.2							57	57	204	83
56/ 55		2.5	1.0	.8								38	38	177	105
54/ 53	.3	.6	.2									10	10	141	113
52/ 51		.3	.1									4	4	53	154
50/ 49		.2										2	2	22	101
48/ 47															78
46/ 45															91
44/ 43															21
42/ 41															11
40/ 39															4
38/ 37															3
36/ 35															2
32/ 31															1
TOTAL	.7	14.8	19.6	23.5	22.2	11.3	4.0	2.2	.6	.5	.4	896	896	896	896

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.					
	4496799.	62207.	69.4	14.100	896					
	3594737.	56577.	63.1	4.985	896		18.0	4.7	.5	93
	2941720	51232	57.2	3.714	896		1.0			93
	2485009	46969	52.4	5.054	896	.1				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 AUG

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	WET BULB TEMPERATURE DEPRESSION F																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
90/ 89											.1	.3						4	4		
88/ 87										.1	.1							2	2		
86/ 85										.2								2	2		
84/ 83									.1			.1	.2					4	4		
82/ 81							.1	.1	.3		.2	.3						10	10		
80/ 79							.1	.3	.3			.2						9	9		
78/ 77						.3	.6	1.9	.9	.7	1.0	.4	.2					54	54		
76/ 75					.6	1.1	.4	.9	.2	.3								32	32		
74/ 73				.3	.8	1.5	.7	1.5	1.0									51	52		
72/ 71			.2	.3	1.3	1.5	2.0	1.7	.4									67	67		
70/ 69		.1	.3	.7	2.5	4.3	2.8	1.0	.1									105	105	4	
68/ 67			.4	1.3	1.9	3.8	2.9	.8										100	100	26	
66/ 65		.4	1.0	2.8	2.2	4.6	2.9	.2										127	127	40	4
64/ 63		.6	.9	3.0	3.6	6.3	1.6	.1										143	143	74	15
62/ 61	.1	1.5	.9	2.1	2.7	1.3	.4											81	81	113	27
60/ 59	.3	1.5	2.7	1.0	1.0	.3												61	61	138	72
58/ 57		.9	.7	.6														19	19	188	77
56/ 55	.4	1.0	.3		.1													17	17	159	88
54/ 53	.1	.1																2	2	105	89
52/ 51																				39	123
50/ 49		.1																1	1	5	88
48/ 47																					92
46/ 45																					101
44/ 43																					54
42/ 41																					42
40/ 39																					6
38/ 37																					3
36/ 35																					3
32/ 31																					1
30/ 29																					1
TOTAL	1.0	6.2	7.5	12.2	16.7	25.0	14.6	8.5	3.5	1.3	1.5	1.5	.4						892		891
																		891		891	

	Σx²	Σx	x̄	σx	No. Obs						
	3271543	52163	58.5	15.640	891						
	4080377	60085	67.4	6.091	892			46.0	17.6	3.0	93
	3053028	52038	58.4	3.938	891			3.1			93
	2379429	45759	51.4	5.746	891		.2				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 AUG

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	WET BULB TEMPERATURE DEPRESSION F																	TOTAL		TOTAL	
	0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	≥31				
92/ 91												.1						1	1		
90/ 89											.1	.1	.2					4	4		
88/ 87											.1	.3		.2				6	6		
86/ 85													.1					1	1		
84/ 83										.1	.2			.2				5	5		
82/ 81							.1	.6	.3	.2	.1	.3		.1				16	16		
80/ 79							.1	.2	.2	.3	.2	.2	.4	.1				17	17		
78/ 77						.7	.8	1.2	1.9	.7	.9	.7						51	61		
76/ 75					.7	1.1	1.0	1.1	1.0	.4								48	48		
74/ 73				.1	.2	1.0	1.7	1.9	1.7									59	60		
72/ 71			.2	.4	1.5	1.2	2.1	1.3	.8	.1								69	69		
70/ 69		.1	.1	.8	2.4	2.4	1.9	1.6	.2									84	84	3	
68/ 67			.4	.3	1.7	3.4	2.5	.9										82	82	29	
66/ 65		.9	1.0	2.0	1.9	5.3	3.4											129	129	41	2
64/ 63	.2	2.2	.7	3.9	3.4	4.7	1.5											148	148	79	27
62/ 61	.2	.9	.9	1.5	2.5	1.7												58	68	119	38
60/ 59	.3	1.7	1.9	1.6	.8	.1												57	57	140	55
58/ 57	.1	1.1	.8	.4														22	22	198	63
56/ 55	.1	.8	.1	.1														10	10	154	88
54/ 53	.1	.2																3	3	94	73
52/ 51		.1																1	1	31	118
50/ 49																				3	98
48/ 47																					106
46/ 45																					105
44/ 43																					47
42/ 41																					45
40/ 39																					5
38/ 37																					2
36/ 35																					4
34/ 33																					1
32/ 31																					3
28/ 27																					1
TOTAL	1.1	8.1	6.2	11.2	14.9	21.5	15.0	8.9	6.2	1.9	1.7	1.8	.8	.7				891	892	891	891

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs					
	3200264	51166	57.4	17.159	891					
	4165493	60679	68.0	6.510	892		47.3	22.8	5.1	93
	3073765	52219	58.6	3.874	891		3.3			93
	2365868	45604	51.2	5.972	891	.4				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03649D BRIZE NORTON RAF UK 73-82 AUG

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WET BULB TEMPERATURE DEPRESSION

	0-1	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32-33	34-35	36-37	38-39	40-41	42-43	44-45	46-47	48-49	50-51	52-53	54-55	56-57	58-59	60-61	62-63	64-65	66-67	68-69	70-71	72-73	74-75	76-77	78-79	80-81	82-83	84-85	86-87	TOTAL OBS	TOTAL HRS	TOTAL OBS	TOTAL HRS
86/ 85																																																
84/ 83																																																
82/ 81																																																
80/ 79																																																
78/ 77																																																
76/ 75																																																
74/ 73																																																
72/ 71																																																
70/ 69																																																
68/ 67																																																
66/ 65																																																
64/ 63																																																
62/ 61																																																
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52/ 51																																																
50/ 49																																																
48/ 47																																																
46/ 45																																																
44/ 43																																																
42/ 41																																																
40/ 39																																																
38/ 37																																																
36/ 33																																																
TOTAL	1.0	13.7	15.8	22.6	16.2	12.1	8.1	4.8	2.4	1.4	1.1	.5	.1	.1																															883	881	881	881

	Σx^2	Σx	$\bar{x}$	σ_x	NO. OBS						
	4123540	58490	66.4	16.527	881						
	3717452	57032	64.6	6.192	883		29.4	11.1	1.7		93
	2941957	50793	57.7	3.924	881		2.0				93
	2426898	45996	52.2	5.383	881						93

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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 AUG

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	WET BULB TEMPERATURE DEPRESSION													
78/ 77						.2	.1				3	3		
76/ 75					.1				.1		2	2		
74/ 73				.1	.3	.1		.1	.1		7	7		
72/ 71					.3	.2					5	5		
70/ 69			.4	.6	.4	.4	.2	.1			20	20		
68/ 67		.1	.3	.6	.2	.9	.6	.2			26	26	2	
66/ 65		1.2	1.0	1.0	.9	.3	.6	.1			46	46	15	1
64/ 63		2.9	3.8	3.3	1.2	.9					108	108	26	13
62/ 61	.6	2.9	5.3	2.9	1.7	.4					123	123	65	25
60/ 59	.6	8.1	7.5	4.2	.8	.3					191	191	96	62
58/ 57	.4	6.3	5.6	1.9	.2						129	129	154	75
56/ 55	.8	5.2	4.4	2.0							110	110	183	141
54/ 53	.2	2.8	3.0	.3							57	57	151	108
52/ 51	.2	1.8	2.9								44	44	95	128
50/ 49		1.0	.7								15	15	69	108
48/ 47		.4	.1								5	5	27	93
46/ 45													6	77
44/ 43														25
42/ 41														14
TOTAL	2.8	32.8	35.1	16.8	5.2	3.5	1.9	.4	.2	.2		891		891
											891		891	

	Σx	Σx	x	σx	N				
	5668356	70264	78.9	11.962	891				
	3164272	52920	59.4	4.874	891	6.6	1.3		93
	2767551	49525	55.6	4.074	891	.2			93
	2479975	46817	52.5	4.741	891				93

GLOBAL CLIMATOLOGY BRANCH
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036490 BRIZE NORTON RAF UK 73-82 AUG

PAGE 1 ALL

WET BULB TEMPERATURE DEPRESSION F

92/ 91															.0					1	1		
90/ 89														.0	.1	.0				8	8		
88/ 87													.0	.0	.1		.0			10	10		
86/ 85													.1	.0		.0				7	7		
84/ 83												.0	.0	.0	.0	.0	.0			13	13		
82/ 81											.0	.1	.1	.0	.0	.1		.0		32	32		
80/ 79											.0	.1	.1	.0	.0	.1	.1	.0		33	33		
78/ 77									.2	.3	.5	.4	.3	.4	.2	.0				155	155		
76/ 75							.2	.4	.3	.4	.2	.2	.2	.0	.0					120	120		
74/ 73					.1	.3	.4	.5	.5	.5	.2	.2	.0							173	175		
72/ 71				.1	.2	.7	.5	.7	.6	.2	.0									204	204		
70/ 69			.0	.2	.5	1.0	1.3	1.0	.4	.1										325	326	11	
68/ 67			.1	.4	.6	.9	1.6	.9	.3											343	344	53	
66/ 65			.6	1.1	1.3	1.3	1.8	1.2	.0											527	527	150	12
64/ 63	.1	2.5	1.7	3.1	2.2	2.4	.4	.0												882	882	329	102
62/ 61	.3	2.8	2.2	2.2	2.0	.6	.1	.0												727	727	615	220
60/ 59	.8	6.0	4.7	2.4	1.1	.2	.0													1089	1089	819	568
58/ 57	.5	5.3	2.7	1.3	.2															717	717	1254	563
56/ 55	1.0	5.2	2.2	.8	.0															658	658	1341	996
54/ 53	.5	3.1	1.7	.2																386	387	1092	891
52/ 51	.3	2.7	1.1	.0																296	2[illegible]	624	1050
50/ 49	.1	1.9	.5	.0																178	178	408	734
48/ 47	.2	1.4	.2	.0																127	127	210	789
46/ 45	.1	.8	.0																	70	70	117	714
44/ 43	.1	.3																		25	25	40	265
42/ 41	.0	.1																		9	9	19	186
40/ 39																						3	35
38/ 37																							10
36/ 35																							9
34/ 33																							3
32/ 31																							5
30/ 29																							1
28/ 27																							1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03690 BRIZE NORTON RAF UK 73-82 AJC

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	WET BULB TEMPERATURE DEPRESSION															
TOTAL	4.0	32.9	18.7	12.8	10.0	9.3	5.5	3.1	1.6	.7	.6	.5	.2	.1	7120 7115	7115 7115

	41328037	527335	74.1	17.761	7115					
	27062249	435379	61.2	7.289	7120		149.2	57.9	10.3	744
	22510612	398860	56.1	4.636	7115		9.8			744
	19439855	369777	52.0	5.195	7115	.7				744

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 SEP

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WET BULB TEMPERATURE DEPRESSION											
66/ 65			.2						2	2		
64/ 63		.1	1.3	.5					16	16	3	1
62/ 61		.3	3.2	.7	.1				38	39	20	11
60/ 59		1.4	5.7	2.8	.2				89	89	47	40
58/ 57		.6	5.3	3.4	.3				85	85	65	37
56/ 55		1.5	10.1	1.8	.3				121	121	102	75
54/ 53		1.3	10.1	3.9	.1				135	135	150	114
52/ 51		1.3	6.7	2.8	.1				96	96	103	135
50/ 49		.7	7.7	3.3	.2				105	105	101	68
48/ 47		.7	5.9	1.0					67	67	104	95
46/ 45		1.3	7.2	.7					80	80	93	115
44/ 43		.5	2.4						25	25	57	72
42/ 41		.2	1.1	.1					13	13	21	57
40/ 39			.5						4	4	7	13
38/ 37			.1						1	1	4	10
36/ 35			.2						2	2	2	3
34/ 33												3
TOTAL		9.7	67.8	21.0	1.5					879		879
									879		879	

	6920131	77761	88.5	6.832	879
	2481636	46462	52.9	5.189	879
	2319600	44928	51.1	5.142	879
	2187158	43584	49.6	5.453	879

GLOBAL CLIMATOLOGY BRANCH
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036490 BRIZE NORTON RAF UK 73-82 SEP

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64/ 63	.1	.8				8	8	1	1
62/ 61	.5	3.3	.1			34	34	11	9
60/ 59	1.0	5.0	1.0	.1		63	63	45	38
58/ 57	.9	6.2	1.6	.1		77	77	47	41
56/ 55	1.6	8.4	1.0	.5		101	101	77	63
54/ 53	1.0	7.4	1.3	.2		87	87	128	78
52/ 51	2.6	7.1	3.3			114	114	104	120
50/ 49	1.7	7.8	2.1	.2		103	103	108	82
48/ 47	2.4	7.2	.3			87	87	112	94
46/ 45	1.7	7.6	.8			89	89	84	137
44/ 43	1.6	4.3	.3			55	55	76	79
42/ 41	1.6	3.2				42	42	48	74
40/ 39	.1	1.3				12	12	20	35
38/ 37	.2	.3				5	5	13	16
36/ 35								3	5
34/ 33									3
TOTAL	17.1	69.9	11.9	1.1			877		877
						877		877	

	7250974	79532	90.7	6.630	877
	2334467	44983	51.3	5.573	877
	2209898	43760	49.9	5.489	877
	2107113	42635	48.7	5.713	877

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036490 BRIZE NORTON RAF UK 73-82 SEP

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WET BULB TEMPERATURE DEPRESSION F									
66/ 65			.1		1	1		
64/ 63		1.0	.1	.3	13	13	1	
62/ 61	.5	2.2	.5	.1	28	29	14	10
60/ 59	1.0	6.5	2.0	.5	86	86	37	36
58/ 57	.8	6.7	2.4		66	86	65	43
56/ 55	2.0	6.1	2.2	.8	113	113	92	76
54/ 53	2.1	7.3	1.6	.2	97	97	131	96
52/ 51	1.6	6.0	3.2	.2	113	113	95	96
50/ 49	1.2	6.1	2.2	.1	93	83	107	96
48/ 47	1.8	6.2	1.5	.3	96	86	97	100
46/ 45	1.3	6.4	.5		70	70	80	119
44/ 43	.9	3.9			42	42	60	66
42/ 41	1.2	2.3			30	30	38	72
40/ 39	.5	.9			13	13	16	31
38/ 37	.2	.3			5	5	10	16
36/ 35							3	4
34/ 33								2
TOTAL	15.1	65.9	16.3	2.7		866		866
					866		866	

	Σx'	Σx	x	σx	No. Obs.		
	6992220	77548	89.5	7.449	866		
	2374448	45092	52.1	5.539	866		90
	2230211	43699	50.5	5.390	866		90
	2114386	42510	49.1	5.655	866		90

GLOBAL CLIMATOLOGY BRANCH
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WET BULB TEMPERATURE DEPRESSION F

78/ 77																						1	1		
76/ 75																						2	2		
74/ 73																						2	2		
72/ 71																						4	4		
70/ 69																						11	11		
68/ 67																						13	13		
66/ 65																						47	47		
64/ 63																						129	129		
62/ 61																						131	131		
60/ 59																						186	186		
58/ 57																						116	116		
56/ 55																						101	101		
54/ 53																						53	53		
52/ 51																						58	58		
50/ 49																						32	32		
48/ 47																						12	12		
46/ 45																						6	6		
44/ 43																						2	2		
42/ 41																									
40/ 39																									
38/ 37																									
36/ 35																									
TOTAL	2.5	22.6	27.3	26.4	15.4	4.7	.9	.2															876		876
																						876		876	

	Σx	Σx	$\bar{x}$	σ_x	N				
	5052826	65658	75.0	12.265	876				
	3029034	51324	58.6	5.015	876	3.4	.5		90
	2585367	47431	54.1	4.438	876				90
	2247208	44116	50.4	5.398	876				90

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

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036490     BRIZE NORTON RAF UK                    73-82                                        SEP

                                                                                    PAGE 1    1200-1400

                               WET BULB TEMPERATURE DEPRESSION F
 82/ 81                                          .1                               1     1
 80/ 79                              .1    .1    .1                               3     3
 78/ 77                        .1    .3    .3    .1    .1                         9     9
 76/ 75                        .2    .3    .2    .1    .1                         9     9
 74/ 73                  .1    .6    .7          .2    .1                        15    15
 72/ 71                  .5    .5   1.0   1.0    .1                              27    27
 70/ 69      .2    .3   1.0   2.1    .7    .5                                    42    42     1
 68/ 67      .1    .9   1.7   2.3   1.4    .7                                    62    62     2
 66/ 65  .3 1.6   2.7   3.1   3.0   1.1    .2                                   106   106    13
 64/ 63 1.0 2.4   4.2   4.6   6.0   1.9                                         176   176    32     7
 62/ 61  .2  .1 2.3   3.0   4.5   1.7    .1                                     134   134    81    13
 60/ 59     2.4 3.1   4.7   3.2   2.5   1.3                                     150   150    89    49
 58/ 57  .1  .9 1.5   1.3   1.7   1.1                                            58    58   146    45
 56/ 55  .1 1.1 1.3   1.1   1.6    .2                                            50    50   136    91
 54/ 53      .1  .6   1.6    .6                                                  25    25   150    65
 52/ 51  .1  .6 1.3    .8                                                        24    24    80   110
 50/ 49  .1      .5                                                               5     5    59    64
 48/ 47      .3  .2                                                               5     5    65   104
 46/ 45      .2                                                                   2     2    16   113
 44/ 43                                                                                       2    63
 42/ 41                                                                                            76
 40/ 39                                                                                            21
 38/ 37                                                                                            25
 36/ 35                                                                                             7
TOTAL    .7 7.215.020.722.820.3 9.0 3.1    .8    .3                                    873         873
                                                                                873         673

            Σx²          Σx       X̄     σx         No. Obs
          3693222.      55494  63.613.782.        873
          3434157.      54533  62.5. 5.635.       873              17.3.   3.8     .4.              90
          2697635.      48363  55.4. 4.592.       873                .3.                             90
          2159195.      43095  49.4. 6.043.       873                                                 90
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 SEP

	WET BULB TEMPERATURE DEPRESSION										TOTAL		TOTAL	
		1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	D.B.	W.B.	W.B.	DEW P.
82/ 81									.1		1	1		
80/ 79								.5	.1		5	5		
78/ 77						.1	.6	.8			13	13		
76/ 75							.5	.2	.2	.3	11	11		
74/ 73						.5	.5		.2		10	10		
72/ 71					.7	.7	.8	1.4	.1		32	32		
70/ 69				.3	.6	2.1	1.9	.7			50	50		
68/ 67			.3	.5	2.4	1.2	2.0	.3	.5		64	64	2	
66/ 65		.5	1.8	1.9	2.4	2.1	1.5	.2			92	92	14	
64/ 63		2.6	1.4	4.4	5.0	5.2	1.7				179	179	36	5
62/ 61		.3	1.8	1.8	4.5	1.4	.8				94	94	75	21
60/ 59	.1	1.4	2.9	5.3	3.6	2.1	1.2				147	147	68	41
58/ 57		1.2	1.2	1.6	1.7	.5					55	55	142	43
56/ 55		1.6	2.0	1.8	1.4	.2					62	62	134	79
54/ 53	.1	.8	1.0	1.0	.3						29	29	156	62
52/ 51		.3	1.2	.9							22	22	102	92
50/ 49	.1		1.0	.5							14	15	59	93
48/ 47		.2	.1	.1							4	4	55	105
46/ 45		.1									1	1	19	123
44/ 43													3	75
42/ 41														64
40/ 39														33
38/ 37														24
36/ 35														4
34/ 33														1
TOTAL	.3	9.0	14.8	20.1	22.5	16.2	11.4	4.1	1.2	.3		986		985
											885		885	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs				
	3741749	56141	63.4	14.285	885				
	3482137	55295	62.4	5.937	886	18.9	4.1	.4	90
	2725227	48939	55.3	4.634	885	.2			90
	2174264	43542	49.2	6.016	885				90

GLOBAL CLIMATOLOGY BRANCH
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036490    BRIZE NORTON RAF UK                 73-82                                          SEP

                                                                              PAGE 1    1800-2000

                                 WET BULB TEMPERATURE DEPRESSION F                 TOTAL       TOTAL

 76/ 75                                 .2   .2                                     4     4
 74/ 73                                 .5             .1                           5     5
 72/ 71                      .1   .1                   .1                           3     3
 70/ 69                      .3  1.1    .1   .6                                    19    19
 68/ 67                .3    .5   .6    .2   .3   .1                               18    18
 66/ 65           .6   .8   1.0  1.0    .8   .5                                    41    41     5
 64/ 63     .1   3.2  2.2   5.3  2.3   1.0   .3                                   126   126    23     4
 62/ 61     .1   3.0  3.1   2.6  1.5    .3   .3                                    96    96    58    23
 60/ 59          3.1  4.6   7.2  1.7    .9                                        153   153    59    54
 58/ 57     .8   1.5  5.4   2.6   .6    .1                                         96    96   129    61
 56/ 55     .2   3.1  3.2   3.9   .7                                               97    97   113    60
 54/ 53     .1   2.4  3.6   1.6   .5                                               71    71   154    66
 52/ 51     .2   3.0  3.8   1.3   .1                                               73    73   103   102
 50/ 49           .8  3.3    .5                                                    40    40   105   122
 48/ 47           .5  1.5    .1                                                    18    18    54   112
 46/ 45           .3   .5                                                           7     7    44    98
 44/ 43     .1    .5                                                                5     5    11    48
 42/ 41           .1                                                                1     1     5    78
 40/ 39                                                                                               17
 38/ 37                                                                                                8
TOTAL     1.722.032.227.010.2 4.2 2.3   .1   .2                                         973         973
                                                                                  873         873

             Σx²         Σx       x̄      σx       N OBS
           5045331     65523   75.112.092      873
           2991545     50875   58.3 5.539      873                  5.1    .9                    90
           2553901     47231   53.9 4.814      873                                               90
           2218667     43733   50.1 5.652      873                                               90
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036490 BRIZE NORTON RAF UK 73-82 SEP

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	WET BULB TEMPERATURE DEPRESSION F					TOTAL		TOTAL	
		1-2	3-4	5-6	7-8	D B	W B		
66/ 65		.1	.3	.2		6	6	1	
64/ 63		3.1	1.1	.6	.2	44	44	2	3
62/ 61	.3	3.7	2.5	.8		64	64	38	15
60/ 59	.9	4.9	5.1	2.4	.3	120	120	56	57
58/ 57	.5	6.2	4.9	1.5	.6	119	119	67	33
56/ 55	.7	8.6	4.3	1.5	.1	133	133	117	82
54/ 53	.5	5.1	4.8	.6		96	96	149	95
52/ 51	.5	4.5	3.4	.6		78	78	107	123
50/ 49	.1	4.2	4.8	.2		82	82	107	81
48/ 47	.2	4.2	2.6	.1		63	63	92	103
46/ 45	.3	3.9	.9			45	45	78	116
44/ 43	.1	1.3	.2			14	14	43	65
42/ 41		1.3				11	11	9	73
40/ 39								9	16
38/ 37									12
36/ 35									1
TOTAL	4.1	51.0	35.2	8.5	1.3		875		875
						875		875	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature
	6247520	73568	64.1	8.429	875	
	2627280	47738	54.6	5.108	875	90
	2389105	45509	52.0	5.036	875	90
	2197415	43575	49.8	5.597	875	90

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036490 BRIZE NORTON RAF UK 73-82 SEP

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	WET BULB TEMPERATURE DEPRESSION F										TOTAL OBS	TOTAL		
82/ 81									.0		2	2		
80/ 79							.0	.1	.0		8	8		
78/ 77						.0	.1	.1	.0	.0	23	23		
76/ 75						.1	.1	.1	.0	.1	26	26		
74/ 73					.0	.2	.2		.1	.0	32	32		
72/ 71				.0	.2	.2	.2	.3	.0		66	66		
70/ 69			.0	.2	.4	.6	.4	.2			122	122	1	
68/ 67			.1	.3	.6	.5	.5	.1	.1		157	157	4	
66/ 65		.2	.7	.9	1.0	.9	.4	.1			295	295	37	
64/ 63	.0	2.0	1.2	2.5	1.9	1.7	.5				691	691	110	.4
62/ 61	.3	2.2	1.7	1.5	1.7	.5	.2				559	559	353	115
60/ 59	.6	4.2	3.5	3.2	1.6	.7	.3				994	994	489	363
58/ 57	.5	4.0	3.0	1.4	.7	.2					692	692	796	369
56/ 55	.8	5.6	2.5	1.6	.6	.1					778	778	926	615
54/ 53	.7	4.4	2.3	.9	.3						593	593	1163	739
52/ 51	.9	3.9	2.7	.7	.0						578	578	612	903
50/ 49	.5	3.4	2.5	.3							464	465	742	739
48/ 47	.7	3.2	.9	.1							342	342	654	826
46/ 45	.6	3.3	.4								300	300	446	933
44/ 43	.4	1.6	.1								143	143	259	519
42/ 41	.4	1.0	.0								97	97	123	552
40/ 39	.1	.3									29	29	52	182
38/ 37	.1	.1									11	11	27	122
36/ 35		.0									2	2	8	25
34/ 33														9
TOTAL	5.4	39.4	21.7	13.5	9.0	5.7	3.0	.9	.3	.1	7004	7005	7004	7004

	Σx	Σx	x	σx	N OBS				
	44943973	551225	78.7	14.934	7004				
	22754704	396322	56.6	5.885	7005	44.8	9.4	.8	723
	19710964	369660	52.8	5.356	7004	.5			723
	17405406	346850	49.5	5.716	7004				723

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036490 BRIZE NORTON RAF UK 73-82 OCT

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WET BULB TEMPERATURE DEPRESSION						TOTAL		TOTAL	
54/ 53		.1				1	1		
52/ 51	.1	.8				8	8	2	1
50/ 49		1.5	.1			15	15	9	8
56/ 57	.5	1.7	1.1			31	31	20	14
56/ 55	.5	4.3	1.1	.2		57	57	29	19
54/ 53	1.4	6.4	.9	.3		83	83	75	57
52/ 51	1.1	7.2	2.0			94	94	85	63
50/ 49	1.6	7.5	1.0			93	93	100	95
48/ 47	1.8	5.9	1.2	.1		83	83	93	82
46/ 45	2.1	10.2	1.3	.2		127	127	94	111
44/ 43	1.2	7.3	1.4			91	91	110	68
42/ 41	3.7	6.7	1.1			106	106	116	153
40/ 39	1.0	3.6	.2			44	44	50	66
38/ 37	2.2	2.3	.2			43	43	55	63
36/ 35	.8	2.0				25	25	34	49
34/ 33	1.2	.5				16	16	23	46
32/ 31	.2	.1				3	3	3	16
30/ 29									3
28/ 27									1
TOTAL	19.5	66.2	11.5	.9			920		920
						920		920	

	Σx	Σx	x	σx	N			
	7555128	83104	90.3	7.250	920			
	2067363	43227	47.0	6.265	920	.3		93
	1949692	41978	45.6	6.110	920	.3		93
	1842830	40752	44.3	6.429	920	2.0		93

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136490 BRIZE NORTON RAF UK 73-82 OCT

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WET BULB TEMPERATURE DEPRESSION F

64/ 63		.1				1	1				
62/ 61	.1	.7	.2			9	9	2	2		
60/ 59		.8	.1			8	8	7	6		
58/ 57	.1	1.8	.7			24	24	9	6		
56/ 55	1.5	4.2	.3			56	56	74	48		
54/ 53	1.0	4.9	.7			60	60	70	43		
52/ 51	1.3	5.4	1.1	.1		73	73	79	54		
50/ 49	2.4	4.7	1.0	.1		75	75	91	57		
48/ 47	2.6	7.0	1.2			100	100	98	62		
46/ 45	3.5	10.2	1.3	.1		139	139	112	165		
44/ 43	1.7	5.7	1.0			78	79	106	69		
42/ 41	3.0	7.9	1.0			110	110	100	142		
40/ 39	2.0	4.7	.3			64	64	64	76		
38/ 37	3.6	2.1	.1			53	53	85	66		
36/ 35	2.0	3.0				46	46	49	65		
34/ 33	.9	.8				15	15	33	43		
32/ 31	.1	.3				4	4	6	19		
30/ 29	.4	.3				7	7	7	14		
28/ 27									3		
TOTAL	26.1	64.6	8.9	.3		922	922	922	922		

	7789913	845.3	91.7	6.994	922		
	1975577	42259	45.8	5.480	922	1.1	93
	1878196	41202	44.7	6.336	922	1.3	93
	1738146	40148	43.5	6.584	922	3.6	93

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

U26490 BRIZE NORTON RAF UK 73-82 OCT

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WET BULB TEMPERATURE DEPRESSION						TOTAL			
64/ 63		.1				1	1		
62/ 61		.7				6	6	1	
60/ 59		.8	.3			10	10	6	4
58/ 57	.4	1.9	.7			27	27	12	13
56/ 55	1.1	4.9	.7	.1		62	62	33	26
54/ 53	1.1	4.5	.5	.1		57	57	75	46
52/ 51	1.7	5.3	1.0	.3		77	77	65	68
50/ 49	2.0	5.2	1.3	.2		80	80	53	53
48/ 47	3.4	6.8	1.3	.3		108	108	99	89
46/ 45	3.3	8.4	1.4	.1		121	121	99	123
44/ 43	1.4	6.5	.4			77	77	123	63
42/ 41	3.7	8.9	.4			120	120	126	143
40/ 39	2.0	3.3	.2	.2		52	52	76	76
38/ 37	3.8	2.5	.2			60	60	59	66
36/ 35	1.0	2.3				30	30	41	46
34/ 33	1.5	.6				21	21	36	38
32/ 31	.2	.1				3	3	6	12
30/ 29		.2				2	2	2	7
28/ 27	.3					3	3	3	6
26/ 25									3
TOTAL	26.9	63.1	8.5	1.4			917		917
						917		917	

7673779	83503	91.2	7.512	917			
1985739	42257	46.1	6.483	917	.8		93
1882547	41143	44.9	6.320	917	1.1		93
1785745	40313	43.6	6.591	917	3.9		93

GLOBAL CLIMATOLOGY BRANCH
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68/ 67					.1				1	1		
64/ 63			.1	.3	.9				12	12		
62/ 61			.7	.9	.3				17	17	1	
60/ 59		.2	1.3	2.7	1.4	.3			54	54	10	5
58/ 57		.2	4.1	1.6	1.2	.2			66	66	24	15
56/ 55		.8	3.2	3.0	1.2	.8			81	82	74	47
54/ 53		.1	3.4	3.3	2.1	.4			85	85	65	54
52/ 51		1.2	5.4	4.4	1.7	.2			115	115	96	61
50/ 49		1.8	6.2	4.9	1.1	.3			129	129	173	76
48/ 47		1.7	4.8	4.2	1.2	.1			108	108	130	121
46/ 45		1.2	7.0	3.1	.1				103	103	135	125
44/ 43		1.4	2.8	2.1	.3				60	60	101	93
42/ 41		1.3	2.7	.2	.2				46	46	55	142
40/ 39		.4	.7	.1					11	11	39	65
38/ 37		.6	.3		.1				9	9	20	51
36/ 35		.1	.2						3	3	7	22
34/ 33											2	13
32/ 31			.1						1	1	2	5
30/ 29												3
28/ 27												1
24/ 23												2
TOTAL	10.9	43.1	31.5	12.0	2.6					902		901
									901		901	

	6347166	74968	83.2	11.027	901				
	2331271	45563	50.5	5.546	902	.1	.1		93
	2100197	43245	48.0	5.226	901	.2			93
	1892533	40949	45.4	5.913	901	1.1			93

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

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                                  WET BULB TEMPERATURE DEPRESSION

 74/ 73                                 .3                                                  3     3
 72/ 71                                 .1                                                  1     1
 70/ 69                             .3                                                      3     3
 68/ 67                        .2   .2  .1                                                  5     5
 66/ 65                   .1   .3   .1                                                      5     5
 64/ 63        .7   .2   2.6  1.3   .7                                                     49    49
 62/ 61       1.1  1.3   1.6  1.1   .4                                                     50    50    13
 60/ 59       1.7  2.6   3.4  2.8  1.0  .1                                                104   104    26    14
 58/ 57   .2  3.0  2.6   2.2  1.7   .4                                                     91    91    54     9
 56/ 55       1.8  3.7   4.7  2.8   .3                                                    119   119    91    40
 54/ 53       2.7  4.3   3.6  2.3                                                         116   116    87    59
 52/ 51   .5  4.2  4.6   4.1  2.3   .3                                                    145   145   115    76
 50/ 49       2.8  3.2   2.7  1.1                                                          68    69   150    77
 48/ 47   .2  2.4  2.2   1.6   .6   .1                                                     64    64   132   111
 46/ 45   .1  2.3  1.1    .3   .2                                                          37    37   126   129
 44/ 43   .1   .3   .2    .4                                                               10    10    72    93
 42/ 41   .2   .4   .2    .2                                                               10    10    70   114
 40/ 39                                                                                                13    58
 38/ 37                                                                                                 6    63
 36/ 35                                                                                                 2    21
 34/ 33                                                                                                      15
 32/ 31                                                                                                      10
 30/ 29                                                                                                       5
 28/ 27                                                                                                       2
 26/ 25                                                                                                       
 24/ 23                                                                                                       1
TOTAL    1.423.426.227.416.8 4.0  .7                                                             901         900
                                                                                          900         900


        4930609      65571   72.913.059     900
        2585878      48970   54.4 5.199     901                     1.2    .3                            93
        2259512      44864   49.9 4.844     900                                                          93
        1694600      40908   45.5 6.257     900             2.2                                          93
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GLOBAL CLIMATOLOGY BRANCH
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035490     BRIZE NORTON RAF UK                 73-82                                              OCT

                                                                                          PAGE 1    1500-1700
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                                   WET BULB TEMPERATURE DEPRESSION F

74/ 73                                  .4                                                 4     4
70/ 69                             .2   .1   .1                                            4     4
68/ 67                        .1   .1   .1                                                 3     3
66/ 65                   .3   .3   .1                                                      7     7
64/ 63        .7   .6  1.5   .7  1.1                                                      41    41
62/ 61        .9   .3  1.2   .7   .3    .1                                                36    36    12
60/ 59       1.8  4.8  2.2  1.9  1.0                                                     105   105    23    13
58/ 57       2.3  2.1  3.1  1.4   .3                                                      84    84    39    13
56/ 55   .2  3.1  3.6  3.1  2.2   .1                                                     112   112    95    35
54/ 53       3.6  4.0  2.5   .9                                                          100   100    92    57
52/ 51   .3  3.6  5.6  4.3  1.3   .3                                                     141   141   171    87
50/ 49   .3  4.3  4.8  2.8  1.0                                                          119   119   136    72
48/ 47   .4  3.3  1.8  2.3   .3                                                           74    74   147   110
46/ 45       2.3  2.1   .6   .3   .1                                                      49    49   115   143
44/ 43        .8   .6   .3                                                                15    15    62    61
42/ 41        .6   .1   .2                                                                 8     8    26   114
40/ 39        .2                                                                           2     2    16    73
38/ 37        .1                                                                           1     1     6    48
36/ 35                                                                                                 1    20
34/ 33                                                                                                      20
32/ 31                                                                                                       5
30/ 29                                                                                                       4
28/ 27                                                                                                       1
24/ 23                                                                                                       1
TOTAL   1.327.630.724.511.2  3.8    .8   .1                                                    905         905
                                                                                         905         905
---------------------------------------------------------------------------------------------------------------
                 Σx²           Σx        x̄      σx        N
                 5199840       67646    74.712.599         905
                 2640593       48647    53.8  5.326        905                     1.1     .4              93
                 2250258       44912    49.6  4.870        905                                             93
                 1914200       41256    45.6  6.085        905                1.4                          93
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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 OCT

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WET BULB TEMPERATURE DEPRESSION F

66/ 65					.1	.1	2	2		
64/ 63				.8	.2		9	9		
62/ 61		.7	.1	.1	.2		10	10		
60/ 59	.2	2.5	1.1	.3	.3		41	41	11	8
58/ 57	.2	3.5	2.7	.3			62	62	33	14
56/ 55	.2	4.4	2.6	1.1	.1		77	77	46	40
54/ 53	.4	6.3	2.3	.7			89	89	95	31
52/ 51	.8	6.8	4.9	.3			117	118	96	99
50/ 49	.7	6.1	4.9	.4			111	111	120	80
48/ 47	.9	8.6	4.4	.2			129	129	134	110
46/ 45	.4	8.4	5.2	.2			131	131	134	136
44/ 43	.2	4.4	2.7	.2			69	69	91	105
42/ 41	.3	3.5	1.5	.1			50	50	91	125
40/ 39		1.0					9	9	45	55
38/ 37	.3	.7					9	9	23	60
36/ 35	.1						1	1	7	31
34/ 33										17
32/ 31										4
30/ 29										1
TOTAL	4.3	55.8	32.5	4.8	1.0	.1		917		916
							916		916	

6581501	77227	84.3	8.782	916		
2323747	45909	50.1	5.260	917		93
2113338	43746	47.8	5.136	916		93
1923663	41640	45.5	5.799	916	.5	93

GLOBAL CLIMATOLOGY BRANCH
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	WET BULB TEMPERATURE DEPRESSION F				TOTAL		TOTAL	
62/ 61		.3	.1	.1	5	5		
60/ 59	.1	2.5	.5	.1	30	30	7	7
58/ 57	.1	2.1	1.1	.2	32	32	22	12
56/ 55	.4	4.7	1.3	.1	60	60	30	25
54/ 53	.3	6.0	.8		65	65	72	39
52/ 51	1.5	7.2	3.0		107	107	94	78
50/ 49	.8	6.5	2.0	.1	85	85	95	78
48/ 47	1.8	7.0	2.6	.1	105	105	100	95
46/ 45	1.4	11.4	2.4	.1	140	140	125	116
44/ 43	.7	8.9	1.8	.2	105	105	107	92
42/ 41	2.2	8.3	1.5		111	111	111	153
40/ 39	.3	2.1	.3		25	25	74	75
38/ 37	1.1	1.6	.1		26	26	41	58
36/ 35	.4	1.1			14	14	24	46
34/ 33	.2	.1			3	3	11	24
32/ 31								12
30/ 29								2
28/ 27								1
TOTAL	11.4	69.9	17.6	1.1		913		913
					913		913	

	Σx^2	Σx	$\bar{x}$	σ_x	NO. OBS		
	7199732	80790	88.5	7.459	913		
	2110007	43563	47.7	5.690	913		93
	1970065	42101	46.1	5.607	913		93
	1841331	40629	44.5	6.044	913	1.5	93

GLOBAL CLIMATOLOGY BRANCH
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036490 BRIZE NORTON RAF UK 73-82 OCT

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	WET BULB TEMPERATURE DEPRESSION F								TOTAL		TOTA	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14				
74/ 73							.1		7	7		
72/ 71							.0		1	1		
70/ 69						.1	.0	.0	7	7		
68/ 67					.1	.0	.0		9	9		
66/ 65				.1	.1	.0			14	14		
64/ 63		.2	.1	.7	.3	.2			114	114		
62/ 61	.0	.7	.4	.4	.2	.1	.0		141	141	31	3
60/ 59	.1	1.6	1.5	.9	.7	.2	.0		367	367	137	65
58/ 57	.2	2.6	1.5	.9	.4	.1			417	417	213	96
56/ 55	.6	3.8	2.0	1.3	.7	.1			624	625	412	260
54/ 53	.5	4.7	2.1	1.2	.5				655	655	631	386
52/ 51	1.0	5.7	3.3	1.3	.5	.1			869	870	734	601
50/ 49	1.2	5.4	2.9	.9	.3				780	781	910	603
48/ 47	1.6	5.7	2.4	.7	.1	.0			771	771	923	800
46/ 45	1.5	7.6	2.2	.2	.1	.0			847	847	940	1014
44/ 43	.9	4.6	1.3	.2					505	505	772	564
42/ 41	1.8	4.9	.9	.1					561	561	621	1086
40/ 39	.7	1.9	.2	.0					207	207	386	544
38/ 37	1.5	1.2	.1	.0					201	201	315	495
36/ 35	.5	1.1							119	119	165	301
34/ 33	.5	.3							55	55	105	216
32/ 31	.1	.1							11	11	17	96
30/ 29	.1	.1							9	9	9	40
28/ 27	.0								3	3	3	15
26/ 25												5
24/ 23												4
TOTAL	12.9	52.2	20.9	9.0	3.9	1.0	.2	.0		7297		7294
									7294		7294	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs				
	53277668	617412	84.6	11.802	7294				
	18120175	360435	49.4	6.586	7297	2.3	2.4	.7	744
	16403815	343211	47.1	5.906	7294	3.0			744
	14683105	326295	44.7	6.267	7294	16.3			744

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PSYCHROMETRIC SUMMARY

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WET BULB TEMPERATURE DEPRESSION

	0	1-2	3-4	5-6				
60/ 59			.1		1	1		
58/ 57		1.6	.2	.2	18	18	2	
56/ 55	.3	2.1	1.0		31	31	20	11
54/ 53	.5	4.6	1.0		54	54	41	29
52/ 51	.5	3.6	1.8	.3	55	55	47	32
50/ 49	1.4	4.0	1.6		61	61	52	54
48/ 47	.5	5.2	.8	.1	59	59	73	44
46/ 45	.5	7.5	1.7	.3	88	88	67	67
44/ 43	.7	3.5	2.0	.1	56	56	69	49
42/ 41	2.9	6.4	2.9		109	109	77	86
40/ 39	.5	6.9	.7		71	71	75	55
38/ 37	3.2	4.8	.7		76	76	110	60
36/ 35	2.3	5.4	.2		70	70	68	101
34/ 33	1.5	3.5	.2		47	47	68	78
32/ 31	1.8	3.1			43	43	55	66
30/ 29	.7	2.0			24	24	32	40
28/ 27	1.2	.8			18	18	20	50
26/ 25	.3				3	3	5	15
24/ 23								5
22/ 21								1
TOTAL	18.3	65.0	15.0	1.1	984	884	884	884

	Σx²	Σx	x̄	σx	No. Obs		
	6967308	78168	88.4	7.912	884		
	1655229	37671	42.6	7.518	884	9.0	90
	1542046	36366	41.1	7.219	884	11.4	90
	1421753	34819	39.4	7.548	884	18.1	90

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036490 BRIZE NORTON RAF UK 73-82 NOV

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	WET BULB TEMPERATURE DEPRESSION F					TOTAL		TOTAL	
	1	2	3	4	5	6			
58/ 57		2.1					19	19		
56/ 55	.1	2.4	.1				23	23	20	12
54/ 53	.1	3.3	1.0				39	39	39	22
52/ 51	.5	4.3	1.7				58	58	32	36
50/ 49	.9	4.3	1.9	.3			66	66	70	36
48/ 47	1.0	4.5	.5				53	53	69	57
46/ 45	1.9	5.2	1.8	.3			82	82	72	98
44/ 43	1.5	4.2	1.0				59	60	52	53
42/ 41	3.0	8.1	2.6				122	122	79	78
40/ 39	1.1	5.1	.6				60	60	77	60
38/ 37	3.2	6.1	.9				90	90	95	74
36/ 35	1.1	5.0	.5				58	58	88	76
34/ 33	2.1	3.7	.2				54	55	75	87
32/ 31	1.1	2.8					35	35	43	59
30/ 29	1.2	1.6					25	25	30	51
28/ 27	2.6	.8					30	30	27	49
26/ 25	1.2	.1					12	12	17	21
24/ 23	.2						2	2	2	13
22/ 21	.1						1	1	1	6
TOTAL	23.2	63.4	12.7	.7			888	890	888	988

	Σx	Σx	$\bar{x}$	σ_x	No. Obs		
	7160177	79443	89.5	7.729	888		
	1620329	37349	42.0	7.719	890	10.6	90
	1517218	36106	40.7	7.444	888	12.2	90
	1409606	34692	39.1	7.822	888	20.2	90

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58/ 57		1.5	.2		15	15		
56/ 55	.2	2.4	.6		28	28	15	5
54/ 53		3.5	.5	.1	36	36	75	26
52/ 51	.8	6.0	2.0		76	78	41	35
50/ 49	1.5	3.1	1.6		54	54	61	52
48/ 47	.8	3.7	.2	.5	46	46	59	53
46/ 45	1.8	6.1	1.0	.3	82	82	74	90
44/ 43	1.8	3.6	2.3	.1	69	69	56	62
42/ 41	1.2	8.8	2.0	.1	108	108	58	64
40/ 39	.9	6.9	.8		76	76	84	47
38/ 37	2.3	4.2	.6		62	62	99	98
36/ 35	.5	5.4	.6		57	57	61	56
34/ 33	3.4	3.4	.2		62	62	96	97
32/ 31	1.0	2.3			29	29	39	40
30/ 29	1.0	1.7			24	24	25	64
28/ 27	2.6	1.0			32	32	30	50
26/ 25	1.7	.1			16	16	18	15
24/ 23	1.0				9	9	9	24
22/ 21	.1				1	1	1	4
20/ 19								1
TOTAL	22.6	63.7	12.6	1.1		884		884
					884		884	

	Σx	Σx	$\bar{x}$	σ_x	N			
	7118991.	79309.	89.4.	8.065.	884			
	1609835.	37357.	41.9.	7.993.	884	11.3.		90
	1508392.	35880	40.6.	7.680.	884	12.4.		90
	1403148.	34458.	39.0.	8.034	884	20.3.		90

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03649D BRIZE NORTON RAF UK 73-82 NOV

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WET BULB TEMPERATURE DEPRESSION F							TOTAL		TOTAL	
62/ 61				.1			1	1		
60/ 59			.7	.6			11	11		
58/ 57			1.9	.4	.1		22	22	6	1
56/ 55		.6	2.9	1.3	.2		45	45	28	17
54/ 53		.1	3.6	2.6	.3		59	59	44	25
52/ 51		1.6	4.4	2.8	.1	.1	80	80	64	58
50/ 49		.2	3.3	2.8	.6		61	61	71	32
48/ 47		1.0	3.7	2.8	.9		75	75	71	73
46/ 45		1.9	5.5	4.2	.9		111	111	94	80
44/ 43		.7	3.9	2.4	.8		69	69	68	64
42/ 41		.7	8.3	3.8	.6		119	119	81	82
40/ 39		.7	3.7	1.6	.2		55	55	94	76
38/ 37		1.2	3.4	1.1	.1		52	52	78	87
36/ 35		.4	2.8	1.1			39	39	56	59
34/ 33		1.0	2.5	.6			36	36	57	69
32/ 31		.2	2.0				20	20	39	32
30/ 29		.7	.8				13	13	16	61
28/ 27		1.0	.4				13	13	14	49
26/ 25		.4					4	4	4	12
24/ 23		.4					4	4	4	11
22/ 21										1
TOTAL	12.9	53.9	28.1	4.9	.1			889		869
							889		889	

	Σx	Σx	$\bar{x}$	σ_x	N			
	6457730	75260	84.7	9.867	889			
	1815783	39633	44.6	7.419	889	5.5		90
	1655018	37920	42.5	7.203	889	7.8		90
	1486662	35682	40.1	7.835	889	16.8		90

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

03690 BRIZE NORTON RAF UK 73-82 NOV

PAGE 1 1200-1400

WET BULB TEMPERATURE DEPRESSION F									TOTAL OBS	TOTAL		
64/ 63				.1					1	1		
62/ 61			.1	.6	.2	.5	.1		13	13		
60/ 59			1.0	1.1	.8	.2	.1		29	29	1	
58/ 57			2.5	1.6	.8				43	43	15	5
56/ 55		.3	2.6	2.5	2.0	.3			69	69	37	20
54/ 53		.3	3.2	2.3	2.3	.2			73	73	53	35
52/ 51		.3	2.5	3.8	1.8	.6			80	80	67	45
50/ 49		.3	1.8	5.1	1.6	.5			82	82	74	38
48/ 47		.8	4.1	3.4	3.5	.9			112	112	87	64
46/ 45		.2	2.8	5.8	3.2	1.0			115	115	96	93
44/ 43			1.7	3.8	3.5	.1			81	81	99	62
42/ 41		.6	3.7	4.2	.9				83	83	74	93
40/ 39		.1	1.2	1.6	.2				28	28	175	58
38/ 37		.5	.7	2.3	.3				33	33	72	104
36/ 35		.2	.7	.9	.2				18	18	31	54
34/ 33		.3	.8						10	10	40	63
32/ 31		.5	.1						5	5	12	46
30/ 29		.3	.1						4	4	6	42
28/ 27		.7							6	6	6	55
26/ 25												2
24/ 23												3
22/ 19												2
TOTAL		5.5	29.6	38.9	21.5	4.3	.2			885		885
									885		885	

	5383564.	6820.2	77.1	12.015.	885		
	2056205.	42255.	47.7	6.617.	885	1.5.	90
	1786069.	39339.	44.5	6.506.	885	2.4.	90
	1514666.	35972.	40.6	7.709.	885	15.3.	90

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

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036490     BRIZE NORTON RAF UK                  73-82                                          NOV

                                                                                      PAGE 1   1500-1700

                                   WET BULB TEMPERATURE DEPRESS

 62/ 61             .3   .2                                                       5     5
 60/ 59        1.3 1.1   .3   .2                                                 27    27
 58/ 57        1.2  .6   .6                                                      21    21    16     6
 56/ 55    .5  3.6 2.7   .4                                                      65    65    27    17
 54/ 53    .2  3.3 2.7   .8   .4                                                 56    56    50    28
 52/ 51        3.1 4.0   .9   .1                                                 73    73    70    46
 50/ 49    .3  3.3 4.2  1.1                                                      79    79    67    35
 48/ 47    .4  4.3 4.4  2.0   .2                                                101   101    79    72
 46/ 45    .1  4.3 6.7  2.1   .2                                                120   120   105    62
 44/ 43    .1  2.9 3.9  1.6   .2                                                 78    78    86    49
 42/ 41    .2  5.5 6.1   .9                                                     113   113    91   111
 40/ 39    .1  2.1 2.0   .1                                                      39    39   110    65
 38/ 37    .9  2.4 1.5   .1                                                      43    43    75    98
 36/ 35    .7  1.1 1.2                                                           27    27    56    60
 34/ 33    .8   .9  .4                                                           19    19    41    59
 32/ 31    .3   .2  .1                                                            6     6    15    44
 30/ 29    .4   .3                                                                7     7    11    45
 28/ 27    .1                                                                     1     1     1    38
 26/ 25                                                                                            7
 24/ 23                                                                                            6
TOTAL     5.439.942.011.2 1.5                                                          890         890
                                                                                890         890

             Σx          Σx       x      σ         N

          5774198      71052  79.810.704       890
          1968205      41441  46.6 6.589       890                1.4                                 90
          1742063      38949  43.8 6.498       890                2.7                                 90
          1510421      36053  40.5 7.496       890               14.2                                 90
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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-62 NOV

PAGE 1 1600-2000

	WET BULB TEMPERATURE DEPRESSION F									
60/ 59			.2	.7			8	3		
58/ 57		.1	1.0	.6			15	15	3	2
56/ 55		.5	1.7	1.5	.3		35	35	19	12
54/ 53		.2	3.2	1.9			47	47	32	18
52/ 51		.3	3.5	3.5	.2		67	67	53	32
50/ 49		.5	5.2	1.2			62	62	71	38
48/ 47		1.0	3.8	3.3	.1		73	73	69	71
46/ 45		.5	7.6	4.1			107	107	74	85
44/ 43		.5	4.9	2.0	1.0		74	74	90	46
42/ 41		.6	7.8	5.4	.1		123	123	74	95
40/ 39		.7	6.5	1.5			77	77	81	75
38/ 37		1.6	4.1	1.2			59	59	122	93
36/ 35		1.1	3.3	.9			47	47	63	60
34/ 33		1.5	3.5	.7			50	50	67	72
32/ 31		.8	1.5				20	20	39	55
30/ 29		.3	1.0				16	16	20	42
28/ 27		.7					6	6	9	56
26/ 25										11
TOTAL		11.3	58.7	28.2	1.8			886		866
							886		886	

	Σx	Σx	x	σx	N			
	6497891.	75489.	85.2.	8.641.	886			
	1745333.	38837.	43.8.	6.966.	886	4.3.		90
	1596781	37137.	41.9.	5.737.	886	5.9.		90
	1437352	35098.	39.6.	7.286	886	15.7		90

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

03649D BRIZE NORTON RAF UK 73-82 NOV

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60/ 59		.2				2	2		
58/ 57		1.2	.1			12	12	2	
56/ 55	.2	2.4	1.2			34	34	14	5
54/ 53	.3	2.5	1.6			39	39	29	25
52/ 51	.7	4.0	1.8	.1		58	58	56	22
50/ 49	1.0	3.9	1.2	.2		56	56	57	47
48/ 47	.8	4.6	2.2			67	67	60	58
46/ 45	.8	7.5	3.3			102	102	80	77
44/ 43	.6	3.7	1.7	.3		56	56	73	46
42/ 41	1.5	9.4	3.1	.1		124	124	65	109
40/ 39	1.0	6.9	.9			78	78	93	95
38/ 37	2.8	4.1	1.5			74	74	114	105
36/ 35	.3	4.6	.7			50	50	57	73
34/ 33	1.9	3.5	.5			52	52	77	68
32/ 31	1.2	2.4	.1			33	33	49	51
30/ 29	.9	2.2	.1			28	28	33	63
28/ 27	1.4	.3				15	15	17	57
26/ 25	.2					2	2	3	9
24/ 23									9
22/ 21									1
TOTAL	15.8	63.5	20.0	.8			882		882
						882		882	

	6753198	76840	87.1	8.175	882		
	1554231	37659	42.7	7.249	882	3.0	90
	1530449	36221	41.1	6.983	882	10.4	90
	1195759	34475	39.1	7.399	882	19.4	90

AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03490 BRIZE NORTON RAF UK 73-82 NOV

PAGE 1 ALL

WET BULB TEMPERATURE DEPRESSION F							TOTAL			
64/ 63				.0			1	1		
62/ 61			.0	.1	.1	.0	19	19		
60/ 59			.4	.5	.1	.1	.0	78	78	1	
58/ 57		.0	1.6	.5	.2		165	165	44	14
56/ 55		.4	2.5	1.4	.4	.0	330	330	180	100
54/ 53		.2	3.4	1.7	.4	.1	413	413	336	209
52/ 51		.6	3.9	2.7	.4	.1	549	549	430	309
50/ 49		.8	3.6	2.5	.5	.1	521	521	543	332
48/ 47		.8	4.2	2.2	.9	.1	586	586	567	492
46/ 45	1.2	5.8	3.6	.9	.2		807	807	662	692
44/ 43		.7	3.6	2.4	.9	.0	542	543	593	431
42/ 41	1.3	7.3	3.8	.3			901	901	592	721
40/ 39		.6	4.9	1.2	.1		484	484	722	491
38/ 37	1.9	3.7	1.2	.1			489	489	765	739
36/ 35		.8	3.5	.8	.0		366	366	480	579
34/ 33	1.6	2.7	.4				330	331	521	593
32/ 31		.9	1.8	.0			191	191	291	393
30/ 29		.8	1.2	.0			141	141	173	408
28/ 27	1.3	.4					121	121	124	404
26/ 25		.5	.0				37	37	47	93
24/ 23		.2					15	15	15	72
22/ 21		.0					2	2	2	13
20/ 19										3
TOTAL	14.4	54.7	24.7	5.4	.7	.0		7090		7088
							7088		7088	

	Σx	Σx	x	σx	N			
	52113057	633463	85.11	0.184	7088			
	14125150	311902	44.0	7.549	7090	51.5		720
	12578036	297818	42.0	7.172	7088	56.2		720
	11576387	281249	39.7	7.666	7088	140.8		720

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

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036490    BRIZE NORTON RAF UK                 73-82                                   DEC

                                                                          PAGE 1   0000-0200
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                              WET BULB TEMPERATURE DEPRESSION
                                                                           TOTAL      TOTAL

 58/ 57             .1                                                     1    1
 56/ 55          .2      .2                                                4    4    1
 54/ 53      2.5   .2                                                     25   25    5    2
 52/ 51   .1 2.7   .5                                                     31   31   30   15
 50/ 49   .1 4.6 1.2   .1   .1                                            56   56   38   26
 48/ 47   .8 5.9 1.5   .3                                                 78   78   52   43
 46/ 45  1.3 6.8   .5   .2                                                81   81   95   66
 44/ 43   .3 5.2 1.0   .3                                                 63   63   70   54
 42/ 41  2.6 3.7 2.8   .2                                                 86   86   72   90
 40/ 39  1.3 4.5   .3                                                     56   56   55   51
 38/ 37  2.9 5.3   .5                                                     81   81  105   61
 36/ 35  2.4 7.1 1.2                                                      98   98   79   95
 34/ 33  4.0 4.1   .1                                                     76   76  114  103
 32/ 31  3.2 4.0   .1                                                     67   67   75   66
 30/ 29  1.5 2.0                                                          32   32   40   64
 28/ 27  2.9 1.0                                                          35   35   34   61
 26/ 25  2.1 1.0                                                          28   28   27   30
 24/ 23  1.1   .2                                                         12   12   16   30
 22/ 21   .2                                                               2    2    4    5
 20/ 19   .1                                                               1    1    1    9
 18/ 17   .2                                                               2    2    2    2
 16/ 15                                                                                   2
 -2/ -3   .2                                                               2    2    2
 -4/ -5   .1                                                               1    1    1
 -6/ -7                                                                                   1
 -8/ -9                                                                                   2
TOTAL    27.560.810.2 1.4   .1                                                918       918
                                                                          918       918


---------------------------------------------------------------------------------------------
            7389411      82021   89.3 8.159      918                                        
            1476741      36079   39.3 8.006      918      .3  13.4                       93
            1362962      34946   38.1 7.573      918      .3  20.5                       93
            1270617      33383   36.4 7.860      918      .3  29.6                       93
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

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036490    BRIZE NORTON RAF UK                73-82                                  DEC

                                                                        PAGE 1   0300-0500
---------------------------------------------------------------------------------------------
                              WET BULB TEMPERATURE DEPRESSION (F)             TOTAL      TOTAL

 56/ 55       .3  .2                                                   5    5
 54/ 53      1.2  .2  .1                                              14   14    4
 52/ 51      3.1 1.0                                                  37   37   20   11
 50/ 49   .1 3.4  .4                                                  36   36   42   18
 48/ 47   .4 4.9 1.3                                                  61   61   49   42
 46/ 45  1.7 9.0 1.5                                                 112  112   93   90
 44/ 43  1.0 4.4 1.0  .3                                              51   51   77   55
 42/ 41  2.0 5.5 1.5  .1                                              83   83   59   95
 40/ 39  1.6 4.9  .8                                                  67   67   69   58
 38/ 37  2.2 4.4 1.1  .1                                              71   71   80   59
 36/ 35  1.5 7.4  .4                                                  87   87   75   72
 34/ 33  5.0 6.1  .4                                                 106  106  144  109
 32/ 31  2.0 4.4  .2                                                  60   60   79   72
 30/ 29   .9  .7                                                      24   24   27   64
 28/ 27  3.2  .9                                                      37   37   39   63
 26/ 25  2.4  .5                                                      27   27   29   29
 24/ 23  1.4  .4                                                      17   17   17   34
 22/ 21   .3                                                           3    3    5   10
 20/ 19   .3                                                           3    3    3    6
 18/ 17                                                                                4
 16/ 15   .2                                                           2    2    2
 14/ 13                                                                                2
  0/ -1   .2                                                           2    2    2
 -2/ -3   .1                                                           1    1    1    1
 -4/ -5                                                                                1
 -6/ -7                                                                                1
TOTAL    26.762.410.2  .7                                                   916       916
                                                                     916        916
---------------------------------------------------------------------------------------------
             Σx²          Σx       x̄     σx        N OBS
           7400946      92234    89.6  7.700       916
           1444665      35645    38.9  7.934       916       .3  17.9                    93
           1354714      34542    37.7  7.549       916       .3  20.7                    93
           1247376      33036    36.1  7.617       916       .3  31.2                    93
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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

226490 BRIZE NORTON RAF UK 73-82 DEC

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60/ 57			.1	.3				4	4		
56/ 55			.3					3	3	1	
54/ 53			.9	.3				11	11	8	1
52/ 51		.3	2.4	1.2	.1			35	35	18	12
50/ 49			3.3	1.0				39	39	34	16
48/ 47		1.1	5.1	.3				60	60	50	41
46/ 45		1.4	8.4	1.8	.2			109	109	91	80
44/ 43		1.3	4.9	.7				63	63	73	63
42/ 41		2.3	5.9	1.3				87	87	79	100
40/ 39		2.0	4.7	1.1				71	71	68	66
38/ 37		2.6	4.7	.9				75	75	83	60
36/ 35		1.2	5.7	.8				70	70	72	70
34/ 33		4.9	7.6	.2				117	117	133	95
32/ 31		1.2	4.6	.1				54	54	79	80
30/ 29		1.3	2.8					35	35	37	81
28/ 27		2.0	.7					24	24	28	67
26/ 25		2.3	1.0					30	30	29	19
24/ 23		2.0	.3					21	21	22	45
22/ 21		.3						3	3	6	8
20/ 19		.1						1	1	1	6
18/ 17			.1					1	1	1	1
16/ 15		.1						1	1	1	1
14/ 13											2
12/ 11		.3						3	3	3	
10/ 9		.2						2	2	2	3
8/ 7											1
6/ 5		.1						1	1	1	1
4/ -1											1
TOTAL		26.6	63.3	9.8	.3				920		920
								920		920	

7443220	82466	89.6	7.465	920			
1447378	35762	38.9	7.393	920		17.8	93
1358459	34669	37.7	7.522	920		21.2	93
1251423	33163	36.0	7.606	920	.1	31.9	93

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036490 BRIZE NORTON RAF UK 73-82 DEC

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	WET BULB TEMPERATURE DEPRESSION F				TOTAL		TOTAL	
			3-4					
58/ 57		.2	.1		3	3		
56/ 55		.8	.2	.1	10	10	2	2
54/ 53	.1	1.4	.4		18	18	12	5
52/ 51	.4	2.2	1.4	.3	40	40	24	10
50/ 49		3.5	2.0		50	50	36	21
48/ 47	.8	6.1	1.4	.3	79	79	71	37
46/ 45	1.2	7.6	1.4	.9	102	102	89	93
44/ 43	.9	4.1	1.5		60	60	72	65
42/ 41	1.6	8.2	2.6	.1	115	115	71	96
40/ 39	1.3	4.5	1.1		63	63	94	56
38/ 37	2.0	4.3	1.2	.1	69	69	80	63
36/ 35	1.1	5.6	1.1		71	71	70	54
34/ 33	3.7	6.5	1.0		103	103	127	104
32/ 31	1.2	3.3	.3		44	44	52	77
30/ 29	1.0	2.1			28	28	40	79
28/ 27	2.1	.7			25	25	28	59
26/ 25	1.3	.9			20	20	18	27
24/ 23	.5	.2			7	7	10	28
22/ 21	.1				1	1	2	7
20/ 19	.2	.1			3	3	2	3
18/ 17							1	2
16/ 15	.2				2	2	2	2
14/ 13	.1	.1			2	2	2	1
12/ 11	.2				2	2	2	2
10/ 9								3
TOTAL	20.1	62.3	15.8	1.9		917		917
					917		917	

	Σx²	Σx	x̄	σx	N OBS		
	7085847	80203	87.5	8.810	917		
	1532633	36825	40.2	7.665	917	13.6	93
	1419278	35454	38.7	7.278	917	17.1	93
	1284956	33604	36.6	7.644	917	29.4	93

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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 DEC

PAGE 1 1200-1400

	WET BULB TEMPERATURE DEPRESSION F					TOTAL		TOTAL	
60/ 59		.2				2	2		
58/ 57		.3				3	3	2	
56/ 55	.2	1.4	.7			21	21	5	7
54/ 53		2.0	1.0	.6		32	32	17	5
52/ 51	.1	3.0	4.4	.9		76	76	32	19
50/ 49		3.2	3.8	.3		66	66	51	23
48/ 47	.2	4.6	3.0	.6	.2	78	78	98	37
46/ 45	.7	6.0	3.1	1.4	.2	103	103	87	92
44/ 43	.3	4.7	5.2	2.1		112	112	79	77
42/ 41	.7	4.0	5.0	.7		93	93	75	91
40/ 39	.7	3.4	2.1	.8		63	63	102	62
38/ 37	1.2	5.3	2.3	.3		83	83	95	61
36/ 35	.6	3.6	1.7			53	53	80	76
34/ 33	1.9	2.5	1.2			51	51	87	111
32/ 31	1.0	2.3	.1			31	31	53	70
30/ 29	.4	2.0				22	22	30	62
28/ 27	.5	.4				9	9	11	65
26/ 25	.2					2	2	6	26
24/ 23	.3	.1				4	4	3	15
22/ 21		.1				1	1	1	3
20/ 19		.1				1	1	1	1
18/ 17								1	1
16/ 15									1
12/ 11									1
TOTAL	9.1	49.4	33.4	7.6	.4		906		906
						906		906	

	Σx²	Σx	x̄	σx	N OBS		
	6200976	74350	82.1	10.486	906		
	1699835	38733	42.8	6.968	906	7.2	93
	1521189	36631	40.4	6.660	906	10.9	93
	1322375	33971	37.5	7.329	906	25.1	93

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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 DEC

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WET BULB TEMPERATURE DEPRESSION F					TOTAL OBS	TOTAL OBS	TOTAL MIN	TOTAL MIN
58/ 57		.4			4	4		
56/ 55	.1	1.1	.2		13	13	5	3
54/ 53	.2	1.5	.3		23	23	16	7
52/ 51		3.4	1.6	.1	47	47	22	15
50/ 49		3.1	3.6	.2	63	63	40	22
48/ 47	.1	8.7	2.5	.8	110	110	86	31
46/ 45	.4	6.7	1.8	.7	87	88	104	105
44/ 43	.4	5.8	3.8	1.3	104	104	85	73
42/ 41	.8	5.7	6.4	.4	121	121	58	107
40/ 39	.4	3.9	2.5	.2	65	65	101	53
38/ 37	1.4	4.4	2.6	.1	78	78	108	66
36/ 35	1.1	3.8	1.5		59	59	81	60
34/ 33	1.6	4.4	.9		63	63	96	88
32/ 31	.8	1.8	.1		24	24	49	79
30/ 29	.4	1.9	.2		23	23	27	60
28/ 27	1.5	.7			20	20	22	61
26/ 25	.2	.2			4	4	7	16
24/ 23	.1				1	1	2	16
22/ 21								2
20/ 19								2
18/ 17	.1				1	1	1	
16/ 15								1
14/ 13	.1				1	1	1	
12/ 11								1
10/ 9	.1				1	1	1	
8/ 7								1
TOTAL	10.1	57.5	28.6	3.8	912	913	912	912

	Σx	Σx	x	σx	N			
	65385.5	76747.	84.2	9.374	912			
	1655324.	38368.	42.0	6.862	913	7.6		93
	1500796.	36502	40.0	6.613	912	11.2		93
	1328276	34178	37.5	7.215	912	26.4		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 DEC

PAGE 1 1800-2000

	WET BULB TEMPERATURE DEPRESSION F					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	D.B.	W.B.	Wet B	Dew P
58/ 57		.3				3	3		
56/ 55		.3				3	3	3	
54/ 53		2.1	.1			20	20	10	3
52/ 51	.1	3.2	1.0	.2		41	41	18	16
50/ 49		2.6	1.6			39	39	39	17
48/ 47	.3	8.1	1.4			90	90	62	31
46/ 45	1.2	7.8	2.2	.2		104	104	113	113
44/ 43	.2	4.9	1.1	.3	.1	60	60	51	59
42/ 41	1.3	8.8	4.2	.1		131	131	74	85
40/ 39	.7	3.7	1.4			53	53	90	56
38/ 37	3.0	4.4	1.4			80	81	99	66
36/ 35	2.1	5.1	.7			72	72	80	76
34/ 33	2.7	4.9	1.0	.1		80	80	105	84
32/ 31	2.0	3.9	.1	.2		57	57	71	79
30/ 29	.4	2.4	.2			28	28	39	68
28/ 27	2.3	1.9				38	38	35	58
26/ 25	.4	.3				7	7	15	31
24/ 23	.3	.1				4	4	5	13
22/ 21	.1					1	1	2	8
20/ 19									4
18/ 17									2
16/ 15									3
6/ 5	.1					1	1	1	
4/ 3									1
2/ 1	.2					2	2	2	
0/ -1									2
TOTAL	17.5	64.8	16.4	1.2	.1		915		914
						914		914	

	Σx²	Σx	x̄	σx	No. Obs			Total
	7027000	79740	87.2	8.772	914			
	1534058	36856	40.3	7.360	915		14.0	93
	1417815	35415	38.7	7.066	914		17.3	93
	1284027	33555	36.7	7.558	914	.2	29.3	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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036490     BRIZE NORTON RAF UK                73-82                                      DEC

                                                                            PAGE 1    2100-2300

                             WET BULB TEMPERATURE DEPRESSION (F)                 TOTAL          TOTAL

 58/ 57         .2   .1                                                         3     3
 56/ 55         .3                                                              3     3     2
 54/ 53        1.2   .2                                                        13    13     5     2
 52/ 51    .2  2.7  1.3        .1                                              40    40    20    11
 50/ 49        3.4  2.0   .1   .1                                              51    51    38    16
 48/ 47    .2  5.7  1.1   .3                                                   67    67    59    33
 46/ 45   1.3  7.3  2.1   .3                                                  101   101    95    99
 44/ 43    .8  4.7  1.7   .2                                                   68    68    64    62
 42/ 41   1.2  6.8  3.2   .1                                                  103   103    69    64
 40/ 39   1.6  3.7   .9                                                        57    57    84    57
 38/ 37   3.4  5.4   .8                                                        87    87    95    79
 36/ 35   1.7  4.8   .8                                                        67    67    82    78
 34/ 33   3.7  5.5   .5                                                        89    89   102    99
 32/ 31   1.9  4.3   .1                                                        57    57    77    76
 30/ 29    .4  3.5   .1                                                        37    37    44    68
 28/ 27   2.7  1.4                                                             38    39    38    73
 26/ 25   1.5   .7                                                             20    20    22    32
 24/ 23    .9   .2                                                             10    10    13    26
 22/ 21    .1                                                                   1     1     3     9
 20/ 19                                                                                           6
 18/ 17                                                                                           2
  0/ -1    .3                                                                   3     3     3
 -4/ -5                                                                                           2
 -6/ -7                                                                                           1
TOTAL    22.161.714.9 1.1   .2                                                     916         915
                                                                              915         915

              ΣX²          ΣX        X̄     σx        NO OBS
            7170982.     63640    88.1  8.374.      915
            1467939.     36235    39.6  7.722.      916       .3.  17.0.                          93
            1381511.     34923    38.2  7.292.      915       .3.  20.3.                          93
            1257598      33192    36.3  7.654.      915       .3   30.0                           93
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 DEC

PAGE 1 ALL

	WET BULB TEMPERATURE DEPRESSION F					TOTAL		TOTAL	
60/ 59		.0				2	2		
58/ 57		.2	.1			21	21	2	
56/ 55	.0	.6	.2	.0		62	62	19	12
54/ 53	.0	1.6	.4	.1		156	156	77	26
52/ 51	.2	2.8	1.5	.2	.0	347	347	184	110
50/ 49	.0	3.4	1.9	.1	.0	400	400	318	159
48/ 47	.5	6.1	1.6	.3	.0	623	623	517	295
46/ 45	1.2	7.4	1.8	.5	.0	799	800	767	758
44/ 43	.7	4.8	2.0	.6	.0	591	591	571	508
42/ 41	1.6	6.1	3.4	.2		819	819	557	748
40/ 39	1.2	4.2	1.3	.1		495	495	663	459
38/ 37	2.3	4.8	1.4	.1		624	625	745	557
36/ 35	1.5	5.4	1.0			577	577	619	601
34/ 33	3.5	5.2	.7	.0		685	685	908	793
32/ 31	1.5	3.6	.2	.0		394	394	545	518
30/ 29	.8	2.3	.1			229	229	284	606
28/ 27	2.1	.9				226	227	235	507
26/ 25	1.3	.6				138	138	153	210
24/ 23	.5	.2				76	76	88	207
22/ 21	.2	.0				12	12	23	52
20/ 19	.1	.0				9	9	8	37
18/ 17	.0	.0				4	4	6	14
16/ 15	.1					5	5	5	10
14/ 13	.0	.0				3	3	3	5
12/ 11	.1					5	5	5	4
10/ 9	.0					3	3	3	6
8/ 7									2
6/ 5	.0					2	2	2	1
4/ 3									1
2/ 1	.0					2	2	2	
0/ -1	.1					5	5	5	3
-2/ -3	.0					3	3	3	1
-4/ -5	.0					1	1	1	3
-6/ -7									3

Σx^2 Σx $\bar{x}$ σ_x No. Obs

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036430 BRIZE NORTON RAF UK 73-82 DEC

PAGE 2 ALL

-8/ -9													2
TOTAL	23.36	0.317.4	2.2	.1						7321		7318	
									7318		7318		

	56256887	638201	87.2	9.052	7318				
	12276593	294503	40.2	7.678	7321	.9	113.6		744
	11336664	283082	38.7	7.265	7318	.9	139.4		744
	10246648	268082	36.5	7.630	7318	1.2	233.0		744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 ALL

	WET BULB TEMPERATURE DEPRESSION F															TOTAL		TOTAL	
92/ 91												.0		.0	.0	10	10		
90/ 89											.0	.0	.0	.0		29	29		
88/ 87										.0	.0	.0	.0	.0		31	31		
86/ 85										.0	.0	.0	.0	.0	.0	36	37		
84/ 83									.0	.0	.0	.0	.0	.0	.0	37	37		
82/ 81							.0	.0	.0	.0	.0	.0	.0	.0		78	80		
80/ 79						.0	.0	.0	.0	.0	.0	.0	.0	.0		120	120		
78/ 77					.0	.0	.1	.1	.1	.0	.0	.0	.0			372	373		
76/ 75					.0	.1	.1	.1	.0	.0	.0	.0				383	384		
74/ 73			.0	.0	.1	.1	.2	.2	.1	.0	.0					593	596		
72/ 71			.0	.0	.2	.2	.2	.1	.0	.0	.0					672	673		
70/ 69		.0	.0	.1	.3	.3	.3	.1	.0	.0						1014	1015	30	
68/ 67		.0	.1	.2	.3	.4	.2	.1	.0	.0						1161	1162	172	1
66/ 65		.1	.2	.4	.5	.5	.3	.1	.0	.0						1804	1804	442	16
64/ 63	.0	.5	.4	1.0	.8	.8	.3	.0	.0	.0	.0					3433	3433	934	237
62/ 61	.1	.7	.8	.7	.8	.3	.1	.0	.0							2973	2974	1959	540
60/ 59	.2	1.7	1.6	1.2	.8	.4	.2	.0	.0							5161	5161	2752	1651
58/ 57	.1	1.8	1.2	.8	.4	.2	.1	.0								4042	4042	4400	1944
56/ 55	.3	2.4	1.4	.9	.5	.1	.1	.0								4905	4909	5252	3426
54/ 53	.3	2.4	1.4	.7	.3	.1	.0									4483	4484	6267	4008
52/ 51	.4	2.9	2.0	.7	.4	.1	.0									5537	5539	5616	5511
50/ 49	.3	2.8	1.9	.6	.2	.1	.0	.0								5113	5116	6204	4991
48/ 47	.5	3.9	1.7	.7	.3	.1	.0									6096	6097	6441	6206
46/ 45	.6	5.2	2.0	.6	.2	.0										7388	7390	7356	8877
44/ 43	.5	3.4	1.4	.6	.1	.0										5047	5049	6330	5776
42/ 41	1.0	4.6	2.0	.3	.1	.0										6752	6753	5712	9031
40/ 39	.5	2.6	.8	.1	.0	.0										3388	3389	5421	4914
38/ 37	1.1	2.5	.7	.1	.0											3709	3710	5177	5657
36/ 35	.5	2.4	.5	.0	.0											2972	2972	3900	4321
34/ 33	1.2	2.1	.3	.0	.0											3137	3139	4550	5023
32/ 31	.5	1.4	.1	.0												1753	1753	2578	3708
30/ 29	.4	1.0	.1	.0												1261	1261	1519	3524
28/ 27	.8	.4	.0													981	982	1064	3099
26/ 25	.3	.1	.0													400	400	516	1166

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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036490     BRIZE NORTON RAF UK                  73-82                                                 ALL

                                                                                       PAGE 2         ALL

                               WET BULB TEMPERATURE DEPRESSION F                        TOTAL          TOTAL

 24/ 23    .2   .1                                                                     237   237   254   981
 22/ 21    .1   .0                                                                      67    67   120   276
 20/ 19    .0   .0                                                                      38    38    37   197
 18/ 17    .0   .0                                                                      32    32    42    95
 16/ 15    .0   .0                                                                      26    26    26    62
 14/ 13    .0   .0                                                                      12    12    12    42
 12/ 11    .0                                                                           12    12    12    26
 10/  9    .0   .0                                                                       7     7     7    15
  8/  7    .0                                                                            2     2     2     6
  6/  5    .0                                                                            6     6     6     6
  4/  3    .0                                                                            3     3     3     5
  2/  1    .0                                                                            6     6     6     4
   / -1    .0                                                                            5     5     5     6
 -2/ -3    .0                                                                            3     3     3     2
 -4/ -5    .0                                                                            3     3     3     3
 -6/ -7                                                                                                    3
 -8/ -9                                                                                                    4
TOTAL   10.045.220.6 9.8 6.2 4.0 2.3 1.0  .5  .2  .1  .1  .0  .0  .0                       85363       85330
                                                                                     85330       85330


            561255098    6797316   79.715.228    85330
            215314898    4184886   49.010.906    85363    1.1 497.5 471.7 176.3  31.7               8760
            185496540    3902524   45.7 9.068    85330    1.1 535.7  21.0                           8760
            160341862    3618519   42.4 8.989    85330    1.81353.3    .1                           8760
```

MEANS AND STANDARD DEVIATIONS

DAILY TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

	37.0	37.7	37.4	41.0	46.0	51.0	54.0	55.0	52.7	47.0	42.0	39.7	46.0
	7.635	6.431	6.743	6.481	6.416	6.375	4.270	4.495	5.189	6.270	7.515	8.076	6.172
	624	626	917	894	916	874	867	832	879	921	884	916	17595
	37.4	37.1	39.4	45.0	44.0	51.0	54.1	54.4	51.3	45.0	42.0	39.9	44.7
	7.618	6.532	6.139	5.570	5.381	5.141	4.395	4.776	5.673	6.480	7.719	7.974	6.026
	667	632	939	894	872	875	910	915	877	922	890	916	20723
	37.0	35.7	38.9	41.9	45.0	54.4	57.0	55.4	51.1	45.1	41.9	39.9	44.7
	7.776	6.865	6.171	5.475	5.123	4.943	4.115	4.509	5.535	6.48	7.993	7.077	6.194
	647	635	913	894	917	857	877	879	866	917	884	917	21838
	35.0	39.0	42.9	47.4	54.0	61.1	63.2	63.1	5[illegible]	5[illegible]	44.0	4[illegible]	[illegible]
	7.541	6.317	5.521	5.413	5.177	5.352	5.157	4.995	5.115	5.546	7.419	7.615	1[illegible]
	676	636	914	885	917	885	931	896	875	921	889	917	[illegible]
	41.4	42.5	45.5	51.0	57.7	63.9	66.7	67.4	62.0	54.4	47.7	42.0	53.7
	6.777	6.987	6.579	6.143	7.127	7.349	6.272	6.091	6.635	5.199	6.017	6.965	11.274
	681	823	934	872	872	865	875	892	873	921	885	872	1[illegible]581
	40.0	42.8	46.4	51.7	56.0	64.5	65.0	65.0	62.4	53.6	46.5	41.0	[illegible]
	6.541	6.777	5.519	6.425	7.276	7.714	6.542	6.511	5.937	5.325	6.599	6.541	11.771
	685	831	912	883	914	872	905	892	886	905	895	910	1[illegible]826
	36.9	40.1	43.2	46.1	55.0	61.7	65.0	64.6	58.3	50.1	43.8	41.0	[illegible]
	7.1[illegible]	6.821	5.253	6.126	6.790	7.289	6.129	6.192	5.539	5.26[illegible]	6.766	7.36[illegible]	11.35[illegible]
	687	835	921	885	910	852	869	853	870	917	886	910	1[illegible]677
	36.1	38.5	41.6	43.9	47.7	56.1	59.4	59.4	54.6	47.7	42.7	39.6	[illegible]
	7.376	6.142	5.328	5.513	5.510	5.763	4.657	4.574	5.170	5.69	7.249	7.722	[illegible]
	685	840	917	888	913	879	892	891	875	913	882	910	1[illegible]896
	36.0	37.3	41.0	42.8	51.7	58.0	61.2	61.2	56.6	49.4	44.0	40.2	49.[illegible]
	7.494	6.592	6.389	7.054	7.745	8.131	7.198	7.289	6.885	6.596	7.549	7.674	[illegible]
	7[illegible]	5660	7[illegible]	707[illegible]	7298	6781	7143	712[illegible]	7205	7297	7190	7321	25363

MEANS AND STANDARD DEVIATIONS

	36.7	38.5	37.8	39.9	44.6	50.4	53.6	54.1	51.1	45.6	41.1	[illegible]	44.1
	7.245	6.245	5.637	5.417	5.135	4.101	4.052	4.393	5.142	6.112	7.219	7.373	5.695
	634	926	913	871	910	872	896	891	879	921	934	910	10633
	35.2	35.0	37.2	39.8	43.4	49.6	51.3	52.6	49.9	44.7	4[illegible].7	37.7	43.[illegible]
	7.425	6.324	5.699	5.471	5.224	4.046	4.236	4.705	5.489	6.335	7.444	7.544	[illegible]
	635	832	[illegible]	864	922	875	914	915	877	912	845	910	10719
	35.[illegible]	35.7	37.3	39.9	45.5	51.5	54.1	54.1	51.5	44.[illegible]	4[illegible].5	37.7	43.[illegible]
	7.[illegible]4	6.414	5.763	5.375	4.789	4.494	3.723	4.272	5.392	6.322	7.685	7.[illegible]	[illegible]
	637	835	912	904	917	869	876	879	856	917	884	[illegible]	10836
	37.[illegible]	37.5	40.3	43.1	45.6	53.8	56.8	57.2	54.1	48.[illegible]	42.5	3[illegible].7	46.[illegible]
	5.[illegible]5	6.017	5.[illegible]1	4.775	4.777	4.061	3.931	3.714	4.438	5.226	7.[illegible]3	7.273	[illegible]
	874	836	914	885	917	856	921	896	876	921	889	917	10874
	7[illegible].[illegible]	37.8	42.[illegible]	44.8	5[illegible].1	55.3	56.[illegible]	58.4	55.4	49.9	44.5	5[illegible].4	4[illegible].[illegible]
	5.[illegible]1	5.592	4.519	5.103	5.267	5.021	4.035	3.938	4.592	4.844	6.536	6.55[illegible]	6.76[illegible]
	881	823	914	873	921	865	874	891	873	925	885	906	10876
	[illegible].7	43.2	42.[illegible]	44.9	5[illegible].3	55.7	58.4	58.5	55.3	49.6	45.8	4[illegible]	46.1
	5.[illegible]	5.532	4.[illegible]	5.289	5.340	5.035	3.971	3.874	4.634	4.[illegible]	6.498	6.[illegible]	[illegible]
	885	832	912	893	911	872	905	891	885	925	892	912	10892
	37.[illegible]	35.3	40.4	43.3	49.2	54.9	57.6	57.7	53.9	47.8	41.9	35.7	46.7
	6.734	6.746	5.555	5.255	5.326	5.034	3.955	3.924	4.614	5.136	6.737	7.166	[illegible]
	837	835	921	894	926	882	886	881	873	916	886	914	10859
	36.7	37.1	35.7	41.1	45.6	52.[illegible]	55.4	55.5	52.[illegible]	46.[illegible]	41.1	35.7	47.1
	7.[illegible]5	6.186	5.327	5.181	5.120	4.927	3.949	4.374	5.136	5.677	6.983	7.252	[illegible]
	888	842	917	887	915	879	891	891	875	913	882	915	10893
	37.7	37.6	39.4	42.[illegible]	47.3	52.[illegible]	55.6	56.1	52.8	47.1	42.0	35.7	45.7
	6.[illegible]5	6.176	5.646	5.658	5.686	5.457	4.513	4.5[illegible]6	5.356	5.976	7.172	7.255	5.[illegible]
	7[illegible]1	6699	7[illegible]2	7[illegible]2	7296	6[illegible]	7133	7115	7224	7274	7286	7312	86[illegible]

MEANS AND STANDARD DEVIATIONS

[illegible]

[illegible]

[illegible]

2

RELATIVE HUMIDITY

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL OBS
		10	20	30	40	50	60	70	80	90		
TOTALS												

USAFETAC

2

RELATIVE HUMIDITY

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS.
		10	20	30	40	50	60	70	80	90		
TOTALS												

USAFETAC FORM

2

[illegible]

RELATIVE HUMIDITY

STATION [illegible] STATION NAME [illegible] PERIOD [illegible] MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		[illegible]	20	30	40	50	60	70	80	90		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.1	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM [illegible]

2

RELATIVE HUMIDITY

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30	40	50	60	70	80	90		
TOTALS												

USAFETAC FORM

2

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] AFB [illegible]/MAC

RELATIVE HUMIDITY

[illegible] STATION NAME [illegible] PERIOD [illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	57.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	7.5	[illegible]	67.7	44.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.2	42.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	97.2	[illegible]	64.1	39.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.4	63.1	42.[illegible]	19.4	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM [illegible] [illegible]

2

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible]	[illegible]	[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.4	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.2	[illegible]	17.5	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22.1	9.0	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.4	37.6	16.5	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.5	14.1	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	67.8	75.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM [illegible]

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] NORTON RAF UK 72-8[illegible] J[illegible]L

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
J[illegible]L	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.1	[illegible]	[illegible]	[illegible]0.5	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.5	96.8	87.7	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	99.4	[illegible]7.6	92.0	65.5	41.5	16.3	[illegible]	67.1	[illegible]
	[illegible]-14	[illegible]	[illegible]	[illegible]7.7	[illegible]	69.9	[illegible]	19.7	[illegible]	[illegible]	[illegible]	[illegible]
	1[illegible]-17	100.0	[illegible]9.7	97.5	[illegible]	62.9	34.[illegible]	16.4	7.3	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	99.1	[illegible]	[illegible]	55.9	33.[illegible]	13.3	[illegible]	64.	[illegible]
	[illegible]-23	[illegible]	[illegible]	[illegible]	[illegible]9.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	77.4	[illegible]
TOTALS		[illegible]	[illegible]	99.[illegible]	[illegible]	[illegible]	73.[illegible]	58.7	[illegible]7.	14.5	[illegible]	[illegible]

USAFETAC FORM [illegible]

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible] NORTON AFB [illegible]	[illegible]	[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.7	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	97.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.2	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37.3	21.7	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.6	[illegible]	[illegible]	7.7	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.7	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM [illegible] A

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] STATION | [illegible] AF UK STATION NAME | 73-82 PERIOD | [illegible] MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM [illegible]

2

RELATIVE HUMIDITY

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 0	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OBS
TOTALS												

USAFETAC FORM

RELATIVE HUMIDITY

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOUR	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS.
		10	20	30	40	50	60	70	80	90		
TOTALS												

USAFETAC FORM 0-54

2

RELATIVE HUMIDITY

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	
		[illegible]	20	30	40	50	60	70	80	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

USAFETAC FORM

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	
		10	20	30	40	50	60	70	80	90		

AD-A131 621 BRIZE NORTON RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83 5/5

UNCLASSIFIED USAFETAC/DS-83-014 SBI-AD-E850 392 F/G 4/2 NL

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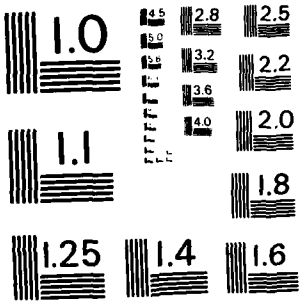


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

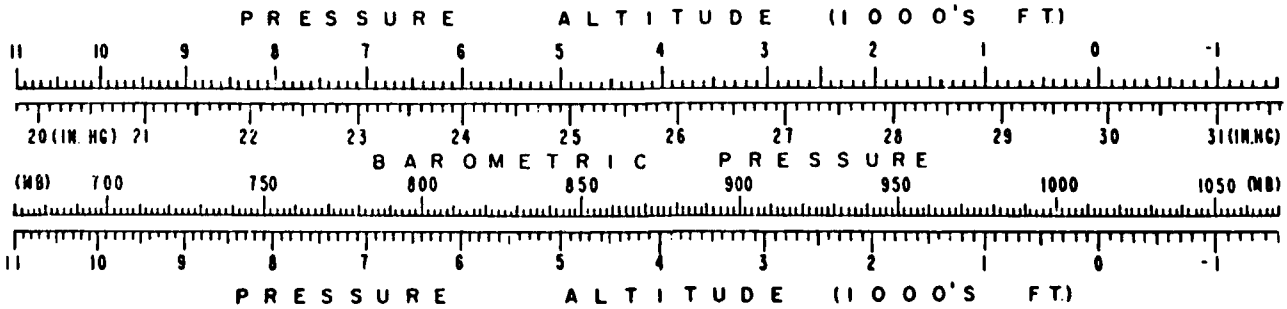
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury. DATA NOT AVAILABLE

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

036490 BRIZE NORTON RAF UK 73-82

HR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	MEAN	1014.6	1014.3	1013.3	1018.5	1015.7	1017.5	1017.5	1017.6	1016.0	1013.8	1016.4	1012.5	1015.6
	S.D.	13.665	13.744	12.076	9.103	8.278	7.484	6.250	6.809	9.394	11.173	11.314	15.774	10.927
	TOTAL OBS.	262.	246.	303.	264.	301.	289.	293.	289.	290.	303	293.	326.	3439.
3	MEAN	1014.2	1014.1	1012.8	1018.0	1015.4	1017.1	1016.9	1017.2	1015.5	1013.4	1015.9	1012.6	1015.3
	S.D.	13.912	13.794	12.156	9.169	8.348	7.628	6.566	6.892	9.529	11.104	11.522	15.436	10.948
	TOTAL OBS.	262.	250.	302.	266.	307.	291.	300.	290.	291	307.	296	322.	3464.
6	MEAN	1013.9	1014.1	1012.8	1018.0	1015.4	1017.3	1017.3	1017.3	1015.6	1013.3	1015.8	1012.2	1015.2
	S.D.	13.947	13.811	12.289	9.258	8.403	7.788	6.527	7.002	9.707	11.092	11.586	15.384	11.047
	TOTAL OBS.	264.	252.	304.	266.	304.	296.	286.	290.	291	306.	296.	326.	3461.
9	MEAN	1014.7	1014.5	1013.3	1018.4	1015.7	1017.3	1017.3	1017.6	1016.0	1013.9	1016.2	1012.7	1015.6
	S.D.	13.960	13.940	12.154	9.171	8.336	7.741	6.594	7.031	9.846	11.099	11.691	15.373	11.033
	TOTAL OBS.	260.	251.	307.	264.	304.	284.	291.	295.	288	301.	295.	327.	3447.
12	MEAN	1014.3	1014.6	1013.2	1018.0	1015.4	1017.2	1016.9	1017.3	1015.7	1013.6	1015.9	1012.5	1015.4
	S.D.	14.201	13.879	12.024	9.226	8.185	7.616	6.426	6.727	9.668	11.122	11.855	15.248	10.961
	TOTAL OBS.	263.	249.	298.	263.	302.	292.	294.	296.	287.	306.	297.	322.	3449.
15	MEAN	1013.7	1013.5	1012.4	1017.3	1014.8	1016.6	1016.4	1016.7	1015.1	1012.8	1015.3	1012.1	1014.7
	S.D.	13.959	13.913	11.760	9.100	8.374	7.455	6.211	6.542	9.329	10.892	11.805	15.262	10.831
	TOTAL OBS.	263.	248.	301.	262.	302.	289.	295.	286.	292.	302.	297.	320.	3434.
18	MEAN	1014.1	1013.9	1012.6	1017.4	1015.0	1016.5	1016.2	1016.6	1015.2	1013.4	1016.1	1012.4	1014.9
	S.D.	13.930	13.755	11.735	8.893	7.911	7.287	5.990	6.233	9.289	11.065	11.611	15.334	10.735
	TOTAL OBS.	262.	247.	303.	266.	302.	291.	296.	285.	287.	305.	297.	322.	3441.
21	MEAN	1014.6	1014.2	1013.3	1018.3	1015.7	1017.4	1017.2	1017.4	1015.9	1014.0	1016.4	1012.6	1015.5
	S.D.	13.738	13.731	11.830	8.961	7.998	7.334	6.090	6.401	9.423	11.112	11.649	15.804	10.862
	TOTAL OBS.	264.	254.	305.	266.	305.	290.	293.	292.	290.	305.	292.	326.	3462.
ALL HOURS	MEAN	1014.3	1014.2	1013.0	1018.0	1015.4	1017.1	1017.0	1017.2	1015.6	1013.5	1016.0	1012.5	1015.3
	S.D.	13.893	13.801	11.992	9.105	8.188	7.540	6.340	6.710	9.516	11.072	11.618	15.433	10.922
	TOTAL OBS.	2095.	1997.	2423.	2117.	2427.	2322.	2348.	2323.	2316.	2435.	2363.	2431.	27597.

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